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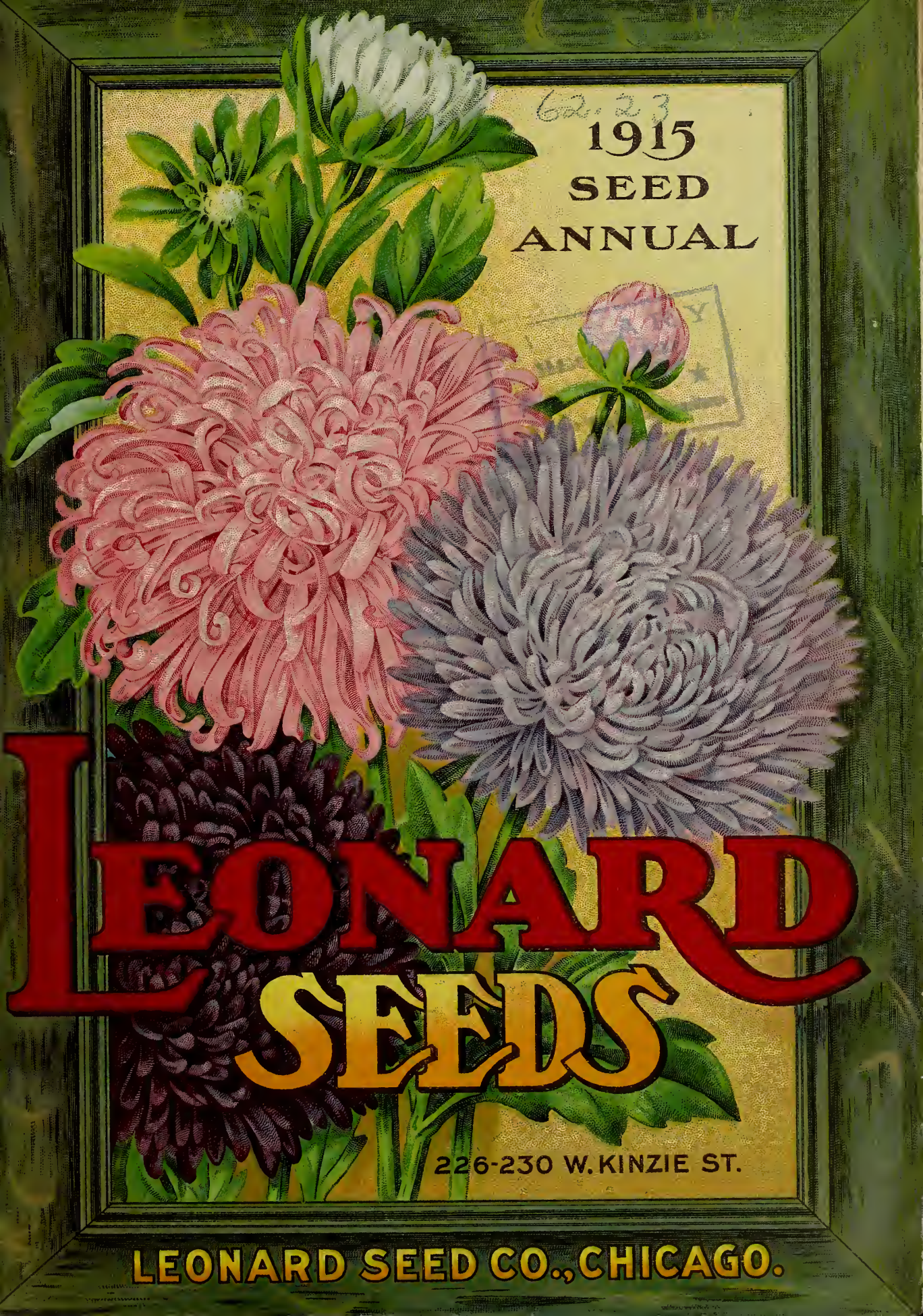
1915
SEED
ANNUAL

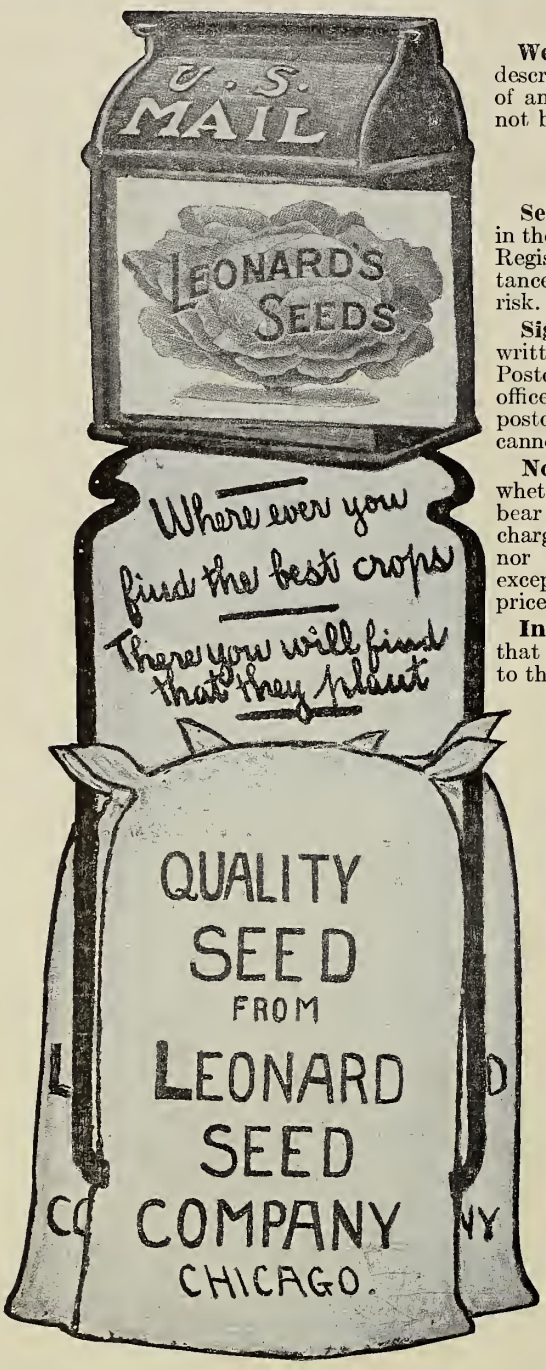


LEONARD SEEDS

226-230 W. KINZIE ST.

LEONARD SEED CO., CHICAGO.

LEONARD'S SEEDS are sold by merchants generally in all parts of the country. Your home dealer should have them, try there first. In case you cannot get our seeds at home, send your order direct to us.



TERMS OF SALE

We Give No Warranty, express or implied, as to purity, description, quality, productiveness or any other matter of any Seeds, Bulbs, or Plants we send out, and we will not be in any way responsible for the crop.

Send Cash with the Order. This can be done either in the form of a Money Order, Bank Draft, Express Order, Registered Letter, or cash may be sent by express. Remittances sent in any other way are entirely at the sender's risk. Small amounts may be sent in postage stamps.

Sign Your Name. Name and address should be written as plainly as possible and care exercised to have Postoffice, County and State in full. If your express office or freight depot has a different name from your postoffice, give that also. This is very important, as we cannot send goods if we do not know where to send them.

Notice Carefully the Prices. Be sure to know whether we or you are to pay the freight or express, and bear in mind that we **do not pay** the express or freight charges on pecks or bushels, nor on any tools or plants, nor on potatoes, grass seeds, field seeds or fertilizers, except where we so state on the pages where the goods are priced.

In Case of Delay, Write Us. It sometimes happens that an order is lost in coming to us, or the goods in going to the customer. Therefore, if any who order do not hear from us within a reasonable length of time, they should send a duplicate order, naming the date on which the former one was sent, and the amount of money enclosed, and in what form. This will enable us to investigate the matter and fill the duplicate order quickly.

Use the Order Sheet. In each copy of our catalogue we place an order sheet. It will aid us greatly if you will make your order out upon it, using one line for each article ordered, and as far as possible write them in the way they are catalogued, beginning at the front. We will gladly furnish you additional order sheets if you write for them.

Order Early. We are prepared to fill your order as soon as this catalogue reaches you. So please order early. You will aid us and get quicker service by doing this.

We Pay Postage or Expressage on all seeds quoted by the packet, ounce, quarter pound and pound, also on pints and quarts of Peas, Beans and Sweet Corn, and on plants and bulbs except where noted otherwise, and upon all goods quoted in our catalogue **where it says: Prepaid by mail or Express.**

We Aim to Give Satisfaction. We make our catalogue as plain as possible, both as to descriptions and illustrations.

The Prices We Quote on vegetable and flower seeds will hold good as long as stocks last. The prices on grass seed, grains and all farm seeds are those ruling January 1, 1915, and are subject to change. As far as possible we will fill in full orders for seeds that are quoted subject to variation in price, but if market values will not permit this, we will send all that money remitted will pay for.

Leonard Seed Co.

Offices and Headquarters
226-228-230 W. Kinzie St. **Chicago**

Regan Printing House, Chicago

Leonard's Snowball Cauliflower

The leading Cauliflower at Chicago and unquestionably the purest strain of "Snowball" Cauliflower seed to be had. Heads uniform; of desirable market size and of snowy whiteness.

After a score of years competitive tests it is pronounced by expert cauliflower growers to be the best for both **early** and **late** planting. Successful frame growers of cauliflower say that under glass culture our Snowball outclasses any strain of cauliflower seed known to them. There are many expert cauliflower growers at Chicago, none better anywhere that we are aware of. Other strains of snowball seed are well known to them and this strain of ours is their favorite for **early,** for **late** and for **forcing.** Strong recommendations surely.

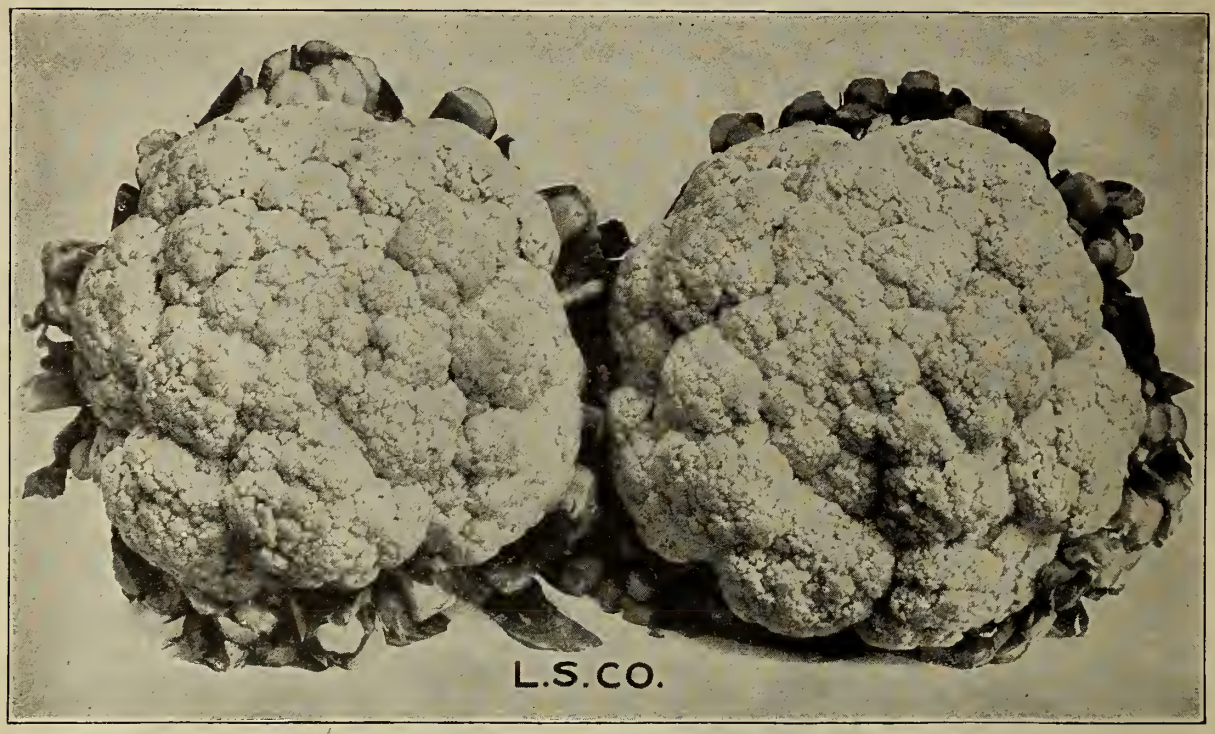
LEONARD'S SNOWBALL CULIFLOWER

The three heads shown above are the average of this year's crop grown by Benj. Dykstre. This cauliflower gets the blue ribbon prize at all exhibitions, and it brings more money per dozen heads on the market than any other Snowball strain.

Pkt. 15c, oz. $2.00. ¼ lb. $8.00. ½ lb. $16.00. lb. $32.00. Postpaid.

Leonard's Dry Weather Cauliflower

This is a worthy companion to our famous Snowball and a stock that is particularly recommended for the dry season. The heads are large of snowy whiteness and uniform. It does well for either early or late planting and although recommended for a dry season it does equally well in all seasons. The photograph here shows two average heads of this years crop. Heads of this strain of cauliflower always take first prize wherever shown. **Pkt. 15c. oz. $2.00. ¼ lb. $8.00, ½ lb. $16.00, lb. $32.00. Postpaid.**



LEONARD'S DRY WEATHER CAULIFLOWER

HOLLAND CABBAGE, SHORT STEM STRAIN

This strain of Holland Cabbage differs from the original Leonard Strain in the height of the stem only. In all other respects It is the same. It has been bred up to meet the requirements of the grower who works heavy rich land. The long stem of the original strain in extra heavy soil has been thought to be something of a fault and the growers have been calling for a stock that would retain all the good points of the original with the additional advantage of dwarfer habit.

Oz. 25c, ¼ lb. 85c, ½ lb. $1.50, lb. $3.00. Postpaid.

LEONARD'S WINTER CABBAGE

(East Prairie Stock)

This new cabbage originated in that part of the **Niles Center** trucking region known as the **East Prairie,** which is one of the best cabbage growing sections of Chicago.

It is a direct cross of the **Leonard Luxemberg** and the **Leonard Strain of Holland** and combines the good points of both. It has the shorter stem and more lasting color of the Luxemberg with the rounder head of the Holland. The combination gives a cabbage that is superior to either.

LEONARD'S WINTER (EAST PRAIRIE STOCK.)

This is a grand cabbage for winter storage. It is also fine for kraut cutting and for fall shipping.

Oz. 25c, ¼ lb. 85c, ½ lb. $1.60, lb. $3.00. Postpaid.

LEONARD'S GLOBE ONIONS

LEONARD'S RED GLOBE

Leonard's Red Globe. The deep dark red color of our Red Globe is one of its superior points, while in shape and size it is a counterpart of our Popular Yellow Globe.

Lb. $1.50, 5 lbs. $7.00, 10 lbs. $13.50 Postpaid,

LEONARD'S WHITE GLOBE

Leonard's White Globe. White skinned onions when successfully grown are by all means the handsomest and will usually bring more money per bushel than either of the other colors.

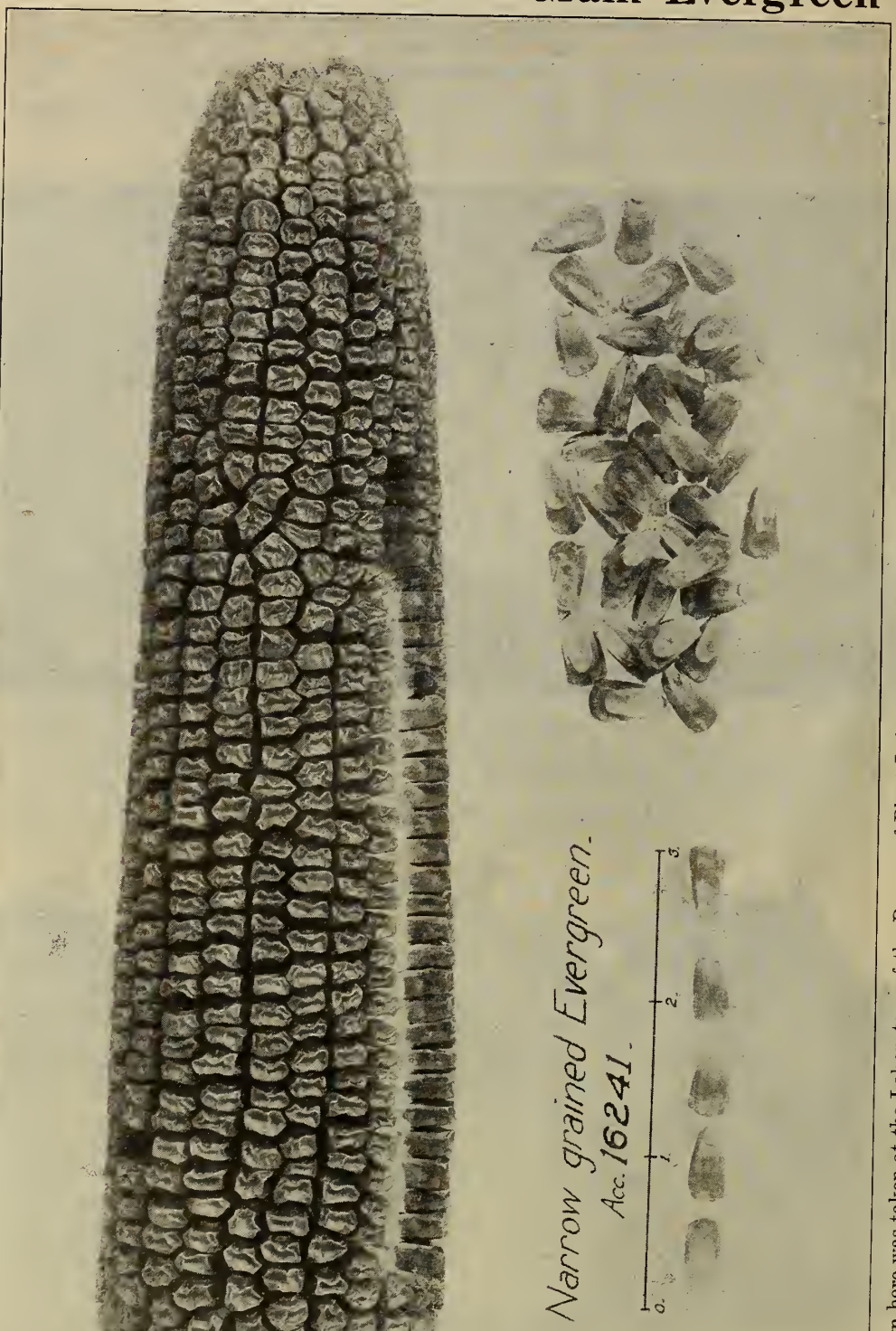
Lb. $2.00. 5 lbs. $9.00, 10 lbs. $17.50 Postpaid.

LEONARD'S YELLOW GLOBE

Leonard's Yellow Globe. This Onion is our prize yellow market variety. It is the most uniform as to size, the most productive, the best keeping and the handsomest yellow-skinned Globe variety we have ever known.

Lb. $1.75, 5 lbs. $8.50. 10 lbs. $16.00.

Leonard's Narrow Grain Evergreen



The Grains shown at the side are taken out of the row which appears vacant.

The photograph shown here was taken at the Laboratory of the Bureau of Plant Industry, Washington, D. C., and shows an ear of our 1913 crop. The ear and grain is natural size. Dec. 14th, 1914, Professor W. W. Tracy, Sr., writes us as follows: "In regard to the sample ear you so kindly gave us, we planted a part of it in our trial garden at Arlington and we had most excellent results as to quality. From other plantings we saved one ear of the product, which we send you. This ear shows the superlative quality of that planted. We certainly are much pleased with the stock you have and think you ought to be very successful with it." **For description and other data see pages 48 and 49.**

ARTICHOKE	Pkt.	Oz.	¼-Lb.	Lb.
Large Green Globe	$0.10	$0.30	$0.75	$3.00
Tubers (Jerusalem)	$2.50 per bushel			
ASPARAGUS—Seed				
Conover's Colossal	.05	.10	.20	.60
Barr's Mammoth	.05	.10	.20	.60
Palmetto				
Columbian Mammoth White	.05	.10	.20	.60
Giant Argenteuil (new)	.05	.10	.20	.60
ASPARAGUS—Roots				
1 year old roots	$4.50 per 1,000			
2 year old roots	6.00 per 1,000			

BEANS—Dwarf, Bush or Snap Green Podded Varieties	Pkt.	½-Pt.	Pt.	Qt.
Hopkin's Improved Red Valentine	$0.10	$0.15	$0.25	$0.40
Early Improved Red Valentine	.10	.15	.25	.40
Early Mohawk	.10	.15	.25	.40
Long Yellow, Six Weeks	.10	.15	.25	.40
Round Yellow, Six Weeks	.10	.15	.25	.40
Extra Early Refuge	.10	.15	.25	.40
Refugee or 1,000 to 1	.10	.15	.25	.40
Giant Stringless	.10	.15	.25	.40
Burpee's Stringless Green Pod	.10	.15	.25	.40
Best of All	.10	.15	.25	.40
Bountiful	.10	.15	.25	.40
Longfellow	.10	.15	.25	.40
Tenn Green Pod or Brown Bunch	.10	.15	.25	.40
Black Valentine	.10	.15	.25	.40
Pheasant Eye Stringless Green Pod	.10	.15	.25	.40
Dwarf Horticultural	.10	.15	.25	.40
Goddard, or Boston Favorite	.10	.15	.25	.40
Improved White Kidney	.10	.15	.25	.40
White Marrow	.10	.15	.25	.40
Prolific Tree	.10	.15	.25	.40
Vineless Marrow	.10	.15	.25	.40
Navy	.10	.15	.25	.40
Boston White Pea Bean				
Red Kidney	.10	.15	.25	.40
Broad Windsor Bob, Fava, or Horse Bean	.10	.15	.25	.40
BEANS—Bush Lima Varieties				
Burpee's Bush Lima	.10	.15	.25	.45
Henderson's or Dwarf Seiva	.10	.15	.25	.45
Dreer's Bush Lima	.10	.15	.25	.45
Wonder Bush Lima	.10	.15	.25	.45
Fordhook Bush Lima	.10	.15	.25	.45
BEANS—Dwarf, Bush or Snap Wax Podded Varieties				
Davis White Wax	.10	.15	.25	.40
Golden Wax	.10	.15	.25	.40
Improved Golden Wax, Rust Proof	.10	.15	.25	.40
Black Wax	.10	.15	.25	.40
Pencil Pod Black Wax	.10	.15	.25	.40
Challenge Black Wax	.10	.15	.25	.40
Prolific German Black Wax	.10	.15	.25	.40
Bismarck Black Wax	.10	.15	.25	.40
Currie's Rust Proof Wax	.10	.15	.25	.40

Peck and Bushel Values Vary. Write for Prices

BEANS—Dwarf, Bush or Snap—Continued	Pkt.	½-Pt.	Pt.	Qt.
Detroit Wax	$0.10	$0.15	$0.25	$0.40
Black Eye Wax	.10	.15	.25	.40
Webber Wax	.10	.15	.25	.40
Yosemite Mammoth Wax	.10	.15	.25	.40
Round Podded Kidney Wax	.10	.15	.25	.40
Wardwell's Kidney Wax	.10	.15	.25	.40
Golden Eye Wax or Yellow Eye Wax	.10	.15	.25	.40
Scarlet Flageolet Wax	.10	.15	.25	.40
Violet Flageolet Wax	.10	.15	.25	.40
Refugee Wax	.10	.15	.25	.40
Valentine Wax	.10	.15	.25	.40
Hodson Wax	.10	.15	.25	.40
BEANS—Pole or Running				
White Creaseback	.10	.15	.25	.45
Red Speckled Cut Short or Corn Hill	.10	.15	.25	.45
Kentucky Wonder or Old Homestead	.10	.15	.25	.45
Lazy Wife	.10	.15	.25	.45
Horticultural Cranberry	.10	.15	.25	.45
Early Golden Cluster Wax	.10	.15	.25	.45
Siebert's Early Lima	.10	.15	.25	.45
Jersey Extra Early Lima	.10	.15	.25	.45
Dreer's Improved Lima or Challenge	.10	.15	.25	.45
Large White Lima	.10	.15	.25	.45
Carolina Small White Lima or Seiva	.10	.15	.25	.45
King of the Garden Lima	.10	.15	.25	.45
Scarlet Runner	.10	.15	.25	.45
Early Dutch Case Knife	.10	.15	.25	.45
Golden Carmine Horticultural	.10	.15	.25	.45
Mammoth Podded Horticultural	.10	.15	.25	.45

BEETS—For the Table	Pkt.	Oz.	¼-Lb.	Lb.
Leonard's Egyptian	$0.05	$0.20	$0.50	$0.90
Early Egyptian Blood Turnip	.05	.15	.35	.80
Early Eclipse	.05	.20	.40	.90
Lentz Early Blood Turnip	.05	.15	.35	.70
Crosby Egyptian	.05	.20	.50	.90
Early Crimson Globe	.05	.20	.40	.90
Edmand's Blood Turnip	.05	.20	.40	.80
Dewing's Blood Turnip	.05	.20	.35	.70
Bastian's Blood Turnip	.05	.15	.30	.65
Early Flat Bassano	.05	.15	.30	.65
Detroit Dark Red Turnip	.05	.15	.50	.90
Early Blood Turnip, Improved	.05	.15	.35	.80
Long Smooth Dark Blood	.05	.15	.35	.80
Half Long Blood	.05	.15	.35	.80
Swiss Chard	.05	.15	.40	.90
Columbia	.05	.15	.35	.80
Arlington	.05	.15	.35	.80
BEETS—Mangel Wurzels				
Long Red	.05	.10	.15	.40
Leonard's Improved Mammoth Long Red	.05	.10	.15	.40
Norbiton Giant Long Red	.05	.10	.15	.40
Giant Intermediate or Ovoid Yellow	.05	.10	.15	.40
Golden Tankard	.05	.10	.15	.40
Yellow Globe	.05	.10	.15	.40
Orange Globe	.05	.10	.15	.40

These Prices are for the Seed Prepaid to your Address.

BEETS—Sugar	Pkt.	Oz.	¼-Lb.	Lb.
Lane's Imperial Sugar	$0.05	$0.10	$0.15	$0.40
French White Sugar, Red Top	.05	.10	.15	.40
Vilmorin's Improved Sugar	.05	.10	.15	.40
French Very Rich	.05	.10	.15	.40
Klein Wanzleben	.05	.10	.15	.40
Giant Rose Half Sugar for Cattle	.05	.10	.15	.40
BROCCOLI				
White Cape	.10	.50	.50	5.00
Purple Cape	.10	.40	1.50	4.50
BRUSSELS SPROUTS				
Dwarf Improved	.05	.15	.60	2.00
CABBAGE				
Extra Early Etampes	.05	.20	.60	2.00
Extra Early Express	.05	.20	.60	2.00
Early Jersey Wakefield	.05	.25	.75	2.50
Early York	.05	.15	.40	1.50
Charleston Large Wakefield	.05	.25	.75	2.50
Early Spring, Earliest Flat Head	.05	.25	.75	3.00
Henderson's Early Summer	.05	.25	.60	2.00
All Head Early	.05	.25	.75	2.50
Leonard's Faultless	.10	.25	.75	3.00
All Seasons	.05	.25	.75	2.50
Succession	.05	.25	.75	2.50
Early Dwarf Flat Dutch	.05	.25	.60	2.00
Early Large York	.05	.15	.50	1.50
Early Winnigstadt	.05	.15	.50	1.50
Glory of Enkhuisen	.05	.25	.75	2.50
Acme Flat Dutch	.05	.20	.60	2.00
Stein's Early Flat Dutch	.05	.20	.60	2.00
Early Drumhead	.05	.20	.60	2.00
Early Deep Head	.05	.25	.75	2.50
Fottler's Early Brunswick	.05	.25	.75	2.50
Copenhagen Market	.10	.25	.75	3.00
Premium Late Flat Dutch	.05	.20	.60	2.00
Surehead	.05	.20	.60	2.00
Louisville Drumhead	.05	.20	.60	2.00
Stone Mason Drumhead	.05	.20	.60	2.00
Large Late Drumhead	.05	.20	.60	2.00
Leonard's Bridgeport Drumhead	.05	.25	.75	2.50
Marblehead Mammoth Drumhead	.05	.20	.60	2.00
Leonard's Luxemburg	.05	.25	.75	3.00
Danish Ball Head	.05	.25	.75	2.50
The Holland, Leonard's Strain, Imported Stock	.10	.25	.75	3.00
Holland Cabbage, Domestic Stock	.05	.25	.75	2.50
Holland Short Stem Strain, Imported Stock	.10	.25	.75	3.00
Leonard's Winter Cabbage, (new)	.10	.25	.85	3.10
The Lupton	.05	.20	.60	2.00
Autumn King	.05	.20	.60	2.00
Early Blood Red Erfurt	.10	.25	.75	2.50
Mammoth Rock Red	.05	.20	.60	2.00
Large Red Drumhead	.05	.20	.60	2.00
Red Dutch	.05	.20	.60	2.00
Early Dwarf Ulm Savoy	.05	.25	.75	2.50
Improved American Savoy	.05	.20	.60	2.00
Drumhead Savoy	.05	.20	.60	2.00
Vandergaw	.05	.20	.60	2.00

These Prices Include Postage or Expressage to Your Address.

CARROT	Pkt.	Oz.	¼Lb.	Lb.
Early French Forcing	$0.05	$0.10	$0.30	$0.90
Early Scarlet Horn	.05	.10	.30	.90
Half Long Nantes	.05	.10	.30	.90
Chantenay	.05	.10	.30	.90
Geurande or Ox Heart	.05	.10	.30	.90
Danvers	.05	.10	.30	.90
Half Long Scarlet Carentan	.05	.10	.30	.90
Saint Vallery	.05	.10	.30	.90
Long Red Altringham	.05	.10	.30	.75
Improved Long Orange	.05	.10	.30	.75
Large Orange Belgian	.05	.10	.30	.75
Long White Belgian	.05	.10	.30	.75
Improved Short White	.05	.10	.30	.75
Large White Vosges	.05	.10	.30	.75
Coreless	.05	.10	.30	.90
CAULIFLOWER				
Leonard's Early Snowball	.15	2.00	8.00	32.00
Earliest Dwarf Erfurt	.15	2.00	8.00	32.00
Early Snowball, Danish	.15	1.75	7.00	28.00
Danish Dry Weather	.15	2.00	8.00	32.00
Early Erfurt	.10	1.75	6.00	24.00
Extra Early Paris	.10	.75	2.00	8.00
Early Paris or Nonpareil	.10	.75	2.00	8.00
Lenormand's Short Stem	.10	.75	2.00	8.00
Autumn Giant	.10	.75	2.00	8.00
Late Algiers	.10	.60	1.75	6.50
CELERY				
Golden Self-blanching, French Stock	.15	1.00	3.50	10.00
Golden Self-blanching, American Stock	.10	.50	1.50	5.00
Rose Ribbed Paris, Self-blanching	.10	.50	1.25	4.50
Pink Plume, Self-blanching	.10	.35	1.00	3.50
White Plume, Self-blanching	.05	.25	.75	3.25
Winter Queen	.05	.15	.50	1.60
Dwarf Golden Heart	.05	.15	.50	1.60
Boston Market	.05	.15	.50	1.60
Giant Pascal	.05	.15	.50	1.60
Giant White Solid	.05	.15	.50	1.60
Evans Triumph	.05	.15	.50	1.60
Crawford's Half Dwarf	.05	.15	.50	1.60
Giant Golden Heart	.05	.15	.50	1.60
Perfection Heartwell	.05	.15	.50	1.60
Dwarf White Kalamazoo	.05	.15	.50	1.60
New Rose	.05	.15	.50	1.60
Apple Shaped, Celeriac	.05	.15	.50	1.60
Large Smooth Prague, Celeriac	.05	.15	.50	1.60
Erfurt Large Early, Celeriac	.05	.15	.50	1.60
Soup or Cutting Celery	.05	.10	.30	1.00
Celery Seed for flavoring		.05	.20	.80
CHERVIL				
Curled	.05	.10	.25	.75
CHICORY				
Common	.05	.15	.50	1.50
Large Rooted	.05	.15	.50	1.50
Witloof or French Endive	.05	.20	.60	2.10
CARDOON				
Large Solid	.05	.20	.60	2.00

COLLARDS	Pkt.	Oz.	¼-Lb.	Lb.
True Georgia	$0.05	$0.10	$0.30	$1.00
Southern or Creole	.05	.10	.30	1.00
CORN SALAD				
Large Seeded, Large Leaved	.05	.10	.20	.75
SWEET CORN				
Sweet Corn is sold by measured bushel.	Pkt.	½-Pt.	Pt.	Qt.
Malakoff	$0.05	$0.10	$0.15	$0.30
Cory	.05	.10	.15	.30
White Cob Cory	.05	.10	.15	.30
Chicago Market or Ballard	.05	.10	.15	.30
Mammoth White Cory	.05	.10	.15	.30
Premo	.05	.10	.15	.30
Peep o' Day	.05	.10	.15	.30
Extra Early Adams	.05	.10	.15	.30
Perry's Hybrid	.05	.10	.15	.30
Early Adams	.05	.10	.15	.30
Early Minnesota	.05	.10	.15	.30
Early Crosby	.05	.10	.15	.30
Champion	.05	.10	.15	.30
Moore's Early Concord	.05	.10	.15	.30
Stabler's Early	.05	.10	.15	.30
Shaker's Early	.05	.10	.15	.30
Early Evergreen	.05	.10	.15	.30
None Such	.05	.10	.15	.30
Early Mammoth	.05	.10	.15	.30
Potter's Excelsior	.05	.10	.15	.30
Triumph	.05	.10	.15	.30
Shoe Peg	.05	.10	.15	.30
Country Gentleman	.05	.10	.15	.30
Zig-Zag Evergreen	.05	.10	.15	.30
Hickox Improved	.05	.10	.15	.30
Old Colony	.05	.10	.15	.30
Egyptian	.05	.10	.15	.30
Stowell's Evergreen	.05	.10	.15	.30
Mammoth	.05	.10	.15	.30
Black Mexican	.05	.10	.15	.30
White Evergreen	.05	.10	.15	.30
Golden Bantam (Yellow)	.10	.15	.25	.35
Leonard's Narrow Grain Evergreen	.10	.15	.25	.35

CORN—Field	Qt.	Pk.	Bu.
Champion White Pearl	$0.25	$0.60	$2.00
Early 8-Rowed Canada Flint	.25	.60	2.00
Early Huron Yellow Dent	.25	.60	2.00
Iowa Gold Mine	.25	.60	2.00
Early Sanford	.25	.60	2.00
Iowa Silver Mine	.25	.60	2.00
Improved King Philip	.25	.60	2.00
Improved Leaming	.25	.60	2.00
King of the Earliest	.25	.60	2.00
Longfellow	.25	.60	2.00
Pride of the North	.25	.60	2.00
Red Cob Ensilage	.20	.50	1.50
Big Whiskey. A large new yellow dent	.35	1.00	4.00
Southern Horse Tooth	.20	.50	1.75
Wisconsin White Dent	.25	.60	2.00
Evergreen Sweet Fodder	.25	.60	2.00
Boone Co. White	.25	.60	2.00
Reid's Yellow Dent	.20	.60	2.00

All Peck and Bushel Prices are F. O. B. Chicago. The buyer pays the Freight.

CORN—Pop	Pkt.	Oz.	¼-Lb.	Lb.
White Rice, Shelled		$0.10	$0.15	$0.25
Pearl, Shelled		.10	.15	.25
Red Rice, Shelled		.10	.15	.25
CRESS				
Curled or Pepper Grass	$0.05	.10	.20	.60
True Water	.10	.30	1.00	3.00
CUCUMBER				
West India Gherkin. A small, burr-shaped variety	.05	.20	.40	1.50
Early Russian	.05	.10	.25	1.00
Early Cluster	.05	.10	.25	.85
Green Prolific or Boston Pickling	.05	.10	.25	.85
Early Frame or Short Green	.05	.10	.25	.85
Chicago Pickle, Westerfield's, Leonard's Strain	.05	.10	.25	.85
Chicago Pickle, not our growing	.05	.10	.20	.75
Jersey Pickling	.05	.10	.25	.85
Everbearing	.05	.10	.25	.85
Cumberland	.05	.10	.25	.85
Improved Long Green	.05	.15	.30	1.00
Nichol's Medium Green	.05	.10	.25	.85
Parisian Pickling	.05	.10	.25	.85
Livingston's Evergreen	.05	.10	.25	.85
Fordhook Pickling	.05	.10	.25	.85
Leonard's Greenhouse Cucumber	.05	.15	.30	1.00
Early Improved White Spine	.05	.10	.25	.85
Peerless White Spine	.05	.10	.25	.85
Evergreen White Spine	.05	.10	.25	.85
Arlington White Spine	.05	.10	.25	.85
Cool and Crisp	.05	.10	.25	.85
Emerald	.05	.10	.25	.85
Japanese Climbing	.05	.10	.25	.85
Fordhook Famous	.05	.10	.25	.85
Davis Perfect	.05	.15	.30	1.00
DANDELION				
Improved Large Leaved	.10	.30	1.00	3.50
EGG PLANT				
Leonard's Improved New York, Purple. Spineless	.10	.40	1.00	4.00
New York Improved Purple	.10	.30	1.00	3.50
Black Pekin	.10	.30	1.00	3.50
Early Long Purple	.10	.30	.75	3.00
White Pearl	.10	.40	1.00	4.00
ENDIVE				
Green Curled	.05	.15	.30	1.00
White Curled	.05	.15	.30	1.00
Moss Curled	.05	.15	.30	1.00
Broad Leaved Batavian	.05	.15	.30	1.00
GARLIC				
Bulbs	$5.00 per 1000			
GOURDS				
Dipper	.05	.15	.50	1.50
Fancy Varieties, Mixed	.05	.15	.50	1.50
Japanese Nest Egg	.05	.15	.50	1.50
Sugar Trough	.05	.15	.50	1.50

HORSE RADISH	Doz.	100	1000
Small Roots, buyer pays freight on 1000	$0.25	$1.00	$5.50

HERBS	Pkt.	Oz.	¼-Lb.	Lb.
Anise	$0.05	$0.15	.....	.....
Balm	.05	.25	.....	.....
Basil, Sweet	.05	.20	.....	.....
Borage	.05	.15	.25	1.00
Catnip	.05	.25	.....	.....
Caraway, for Planting	.05	.10	.20	.60
Coriander	.05	.10	.20	.75
Dill—Mammoth	.05	.10	.20	.75
Dill—Common	.05	.10	.20	.65
Fennel, Sweet	.05	.15	.25	1.00
Florence Fennel	.05	.25	.....	.....
Horehound	.05	.25	.....	.....
Hyssop	.05	.25	.....	.....
Lavender	.05	.20	.....	.....
Sweet Marjoram	.05	.15	.40	1.50
Rosemary	.05	.25	.....	.....
Rue	.05	.25	.....	.....
Sage—Broad Leaved	.05	.15	.40	1.50
Saffron	.05	.15	.....	.....
Summer Savory	.05	.15	.40	.....
Thyme	.10	.50	1.25	4.50

KALE				
Dwarf Curled Scotch	.05	.10	.20	.60
Half Dwarf Moss Curled	.05	.10	.20	.60
Siberian, Dwarf German Greens or Sprouts	.05	.10	.20	.60
Tall Curled Scotch	.05	.10	.20	.60
Dwarf German Purple	.05	.10	.20	.60
Thousand Headed Kale	.05	.10	.15	.40

KOHL-RABI				
Early White Vienna Forcing	.10	.25	.60	2.00
Early White Vienna	.05	.20	.40	1.50
Large Green	.05	.15	.35	1.25
Early Purple Vienna	.05	.20	.40	1.50
Early Purple Vienna Forcing	.05	.25	.60	2.00

LEEK				
London Flag	.05	.20	.40	1.50
Large American Flag	.05	.20	.40	1.50
Rouen—Large Winter	.05	.20	.40	1.50
Large Musselburg	.05	.20	.40	1.50
Monstrous Carentan	.05	.20	.40	1.50

LETTUCE				
Black Seeded Simpson	.05	.10	.25	1.00
Early Curled Silesia, W. S.	.05	.10	.25	1.00
Grand Rapids, B. S.	.05	.10	.25	1.00
Early Curled Simpson, White Seeded	.05	.10	.25	1.00
Tilton's White Star, W. S.	.05	.10	.25	1.00
Boston Curled, B. S.	.05	.10	.25	1.00
The Morse, W. S., similar to Black Seeded Simpson	.05	.10	.25	1.00
Denver Market, W. S.	.05	.10	.25	1.00
Prize Head, W. S.	.05	.10	.25	1.00
Improved Hanson, W. S.	.05	.10	.25	1.00

LETTUCE—Continued	Pkt.	Oz.	¼-Lb.	Lb.
Tomhannock, W. S.	$0.05	$0.10	$0.25	$1.00
Iceberg, W. S.	.05	.10	.25	1.00
Early Tennis Ball, White Seeded. The best head variety for forcing. This is also called Boston Market	.05	.10	.25	1.00
Tennis Ball, B. S.	.05	.10	.25	1.00
Silver Ball, W. S.	.05	.10	.25	1.00
Buttercup, W. S.	.05	.10	.25	1.00
St. Louis Butter, W. S.	.05	.10	.25	1.00
All Season	.05	.10	.25	1.00
Royal Summer Cabbage, B. S.	.05	.10	.25	1.00
Big Boston, W. S	.05	.10	.25	1.00
White Summer Cabbage, W. S.	.05	.10	.25	1.00
Defiance	.05	.10	.25	1.00
Hubbard's Market, W. S.	.05	.10	.25	1.00
Wonderful, same as New York	.05	.10	.25	1.00
New York, W. S.	.05	.10	.25	1.00
California Cream Butter, B. S.	.05	.10	.25	1.00
All Year Round, B. S.	.05	.10	.25	1.00
Salamander, B. S.	.05	.10	.25	1.00
Golden Stonehead, W. S.	.05	.10	.25	1.00
Chartier Head, W. S.	.05	.10	.25	1.00
Blonde Blockhead, W. S.	.05	.10	.25	1.00
Philadelphia Butter or Early White Head, W. S.	.05	.10	.25	1.00
Mammoth Black Seeded Butter	.05	.10	.25	1.00
Brown Dutch, B. S.	.05	.10	.25	1.00
Large Drumhead or Victoria Cabbage, W. S.	.05	.10	.25	1.00
Speckled Dutch Butter, W. S.	.05	.10	.25	1.00
Tom Thumb, B. S.	.05	.10	.25	1.00
Mignonette, W. S.	.05	.10	.25	1.00
Deacon	.05	.10	.20	1.00
May King	.05	.10	.25	1.00
Marblehead Mammoth	.05	.10	.25	1.00
COS OR BLANCHING VARIETIES				
Paris White Cos, W. S.	.05	.10	.25	1.00
Romaine Cos, W. S.	.05	.10	.25	1.00
MUSKMELON				
Burrell's Gem	.05	.10	.20	.80
Ordway Gem	.05	.10	.20	.80
Osage Gem	.05	.10	.20	.80
Admiral Togo	.05	.10	.20	.80
Hoodoo	.05	.10	.20	.80
Paul Rose	.05	.10	.20	.80
Emerald Gem	.05	.15	.25	1.00
Princess	.05	.10	.20	.80
Osage	.05	.10	.20	.80
McCotter's Pride	.05	.10	.20	.80
Banquet	.05	.15	.25	1.00
Delmonico	.05	.15	.25	1.00
Tip Top	.05	.15	.25	1.00
Surprise	.05	.10	.20	.80
Banana	.10	.15	.25	1.00
Ornamental Pomegranate	.10	.20	.50	2.00
Rocky Ford	.05	.10	.20	.80
Jenny Lind	.05	.10	.20	.80
Netted Gem	.05	.10	.20	.80
Early Nutmeg	.05	.10	.20	.80
Skillman's Netted	.05	.10	.20	.80
Early Hackensack	.05	.10	.20	.80

MUSKMELON—Continued	Pkt.	Oz.	¼-Lb.	Lb.
Large Hackensack	$0.05	$0.10	$0.20	$0.80
Chicago Market Nutmeg	.05	.10	.20	.80
Melrose	.05	.10	.20	.80
Jersey Belle	.05	.15	.25	1.00
Long Island Beauty	.05	.15	.25	1.00
Early Green Citron	.05	.10	.20	.80
Shumway's Giant	.10	.15	.35	1.25
Montreal Market	.05	.10	.20	.80
Acme or Baltimore	.05	.15	.25	1.00
Cosmopolitan	.05	.15	.25	1.00
Improved Canteloupe	.05	.15	.25	1.00
Champion Market	.05	.10	.20	.80
White Japan	.05	.15	.25	1.00
Bay View	.05	.15	.25	1.00
Vine Peach, Mango Melon	.10	.20	.50	2.00
Garden Lemon	.10	.20	.50	2.00
Casaba	.05	.15	.25	1.00
Pine Apple	.05	.15	.25	1.00
WATERMELON				
Phinney's Early	.05	.10	.20	.80
Vick's Early	.05	.10	.20	.80
Cole's Early	.05	.10	.20	.80
Gypsy or Rattlesnake	.05	.10	.20	.80
Peerless	.05	.10	.20	.80
Sweetheart	.05	.10	.20	.80
Dixie	.05	.10	.20	.80
Florida Favorite	.05	.10	.20	.80
Kolb's Gem	.05	.10	.20	.80
Seminole	.05	.10	.20	.80
Black Diamond	.05	.10	.20	.80
Halbert Honey	.05	.10	.25	1.00
Tom Watson	.05	.10	.25	1.00
Pride of Georgia	.05	.10	.20	.80
Ironclad	.05	.10	.20	.80
Alabama Sweet	.05	.10	.25	1.00
Light Icing	.05	.10	.20	.80
Dark Icing	.05	.10	.20	.80
Jumbo	.05	.10	.20	.80
Cuban Queen	.05	.10	.20	.80
Success	.05	.10	.20	.80
Mountain Sweet	.05	.10	.20	.80
Ferry's Iceberg	.05	.10	.20	.80
Ice Cream	.05	.10	.20	.80
Monte Cristo	.05	.10	.25	1.00
Triumph	.05	.10	.20	.80
McIver's Sugar	.05	.10	.20	.80
Kleckly Sweets, same as Monte Cristo	.05	.10	.25	1.00
Hungarian Honey	.05	.15	.25	1.25
Eden	.05	.10	.20	.80
Bradford	.05	.10	.20	.80
Duke Jones	.05	.10	.20	.80
Red Seed Citron, for preserving	.05	.15	.25	1.00
Green Seed Citron, Colorado preserving	.05	.15	.25	1.00
MUSTARD				
Black (Wild)		.05	.10	.35
White, London		.05	.15	.40
Southern Giant Curled, Ostrich Plume, Fordhook Fancy		.05	.20	.60
Chinese, Smooth Leaf, or Bloomdale Large Leaved		.05	.20	.60

MUSHROOM SPAWN				Lb.
Pure Culture—in bricks				$0.25
English—in bricks				.25
French—in 3-lb. boxes				.50

NASTURTIUM	Pkt.	Oz.	¼-Lb.	Lb.
Tall or Garden	$0.05	$0.10	$0.20	$0.60
Dwarf Mixed	.05	.10	.20	.60

OKRA				
Perkins Mammoth Long Pod	.05	.10	.20	.80
Dwarf Green, Improved	.05	.10	.20	.65
Long Green	.05	.10	.20	.60
White Velvet	.05	.10	.20	.75

ONION SEED

Leonard's Onion Seed is endorsed by market gardeners everywhere. Each year adds to its popularity with them. This is the surest indication of merit.

	Pkt.	Oz.	¼-Lb.	Lb.
Leonard's Early Yellow Cracker	$0.05	$0.15	$0.30	$1.10
Early Flat Yellow Danvers	.05	.15	.30	1.10
Yellow Dutch or Strasburg	.05	.15	.30	1.10
Australian Brown. Skin brownish yellow	.05	.15	.30	1.10
Yellow Globe Danvers	.05	.15	.35	1.20
Michigan Yellow Globe	.05	.15	.40	1.35
Ohio Yellow Globe	.05	.15	.40	1.35
Leonard's Yellow Globe. A true globe shaped variety; the best yellow sort for muck lands; the best market gardeners' variety; the handsomest yellow skinned onion known; a splendid keeper	.10	.20	.50	1.75
Southport Yellow Globe	.05	.15	.40	1.50
Prize Taker. A popular variety for fall marketing; a very showy and a prolific yielder; ordinarily not a real good keeper	.05	.20	.45	1.60
Extra Early Flat Red	.05	.15	.35	1.20
Large Red Wethersfield	.05	.15	.35	1.20
Louisiana Creole. Color brownish red; popular at the South	.10	.20	.75	3.00
Leonard's Red Globe. True globe shaped, bright red colored; the best red skinned variety for market purposes; well adapted for all soils; the best red sort for muck land	.10	.20	.40	1.50
Southport Red Globe	.05	.20	.35	1.35
Red Victoria	.05	.20	.50	2.00
White Portugal. American Silver Skin	.05	.20	.50	2.00
Philadelphia Silver Skin	.05	.15	.45	1.75
Extra Early White Pearl	.05	.15	.40	1.50
Leonard's White Globe. True globe shaped; the best white skinned variety for market; the best white sort for muck land	.10	.20	.60	2.25
Southport White Globe	.10	.20	.50	1.75

ONION—Imported Sorts				
Red Bermuda	.10	.20	.50	1.85
White Bermuda	.10	.20	.50	1.85
Crystal White Wax	.10	.25	.60	2.00
White Barletta	.05	.15	.40	1.50
White Queen	.05	.15	.40	1.50
Early Neapolitan Marzajola	.05	.20	.60	2.00
Mammoth Silver King	.05	.20	.60	2.00
White Italian Tripoli	.05	.20	.60	2.00
Mammoth Spanish King	.05	.20	.60	2.00
Red Rocca	.05	.20	.60	2.00
Mammoth Copper King	.05	.20	.60	2.00

Large buyers of onion seed are entitled to special prices, write for them.

LEONARD'S ONION SETS

We are now and for many years have been the leading Onion Set Growers.

We claim a superiority for our product, which comes from superior knowledge in planting, harvesting, storing and shipping, as a result of long continued experience and large operations.

Red Bottom Sets
White Bottom Sets
Yellow Bottom Sets
Genuine Top Sets
Winter Top Sets
Potato Onions
White Multipliers
Shallots
Yellow Multipliers

½ Pints..... $0.10 postpaid
Pints..... .15 postpaid
Quarts..... .25 postpaid
Any Variety

Bu. and Peck Write for Market Prices

PARSLEY	Pkt.	Oz.	¼-Lb.	Lb.
Plain or Single	$0.05	$0.10	$0.35	$1.25
Double Curled	.05	.10	.35	1.25
Champion Moss Curled	.05	.10	.35	1.25
Fern Leaf	.05	.10	.35	1.25
Triple Curled or Myatt's Garnishing	.05	.10	.35	1.25
Hamburg or Rooted	.05	.15	.45	1.60
PARSNIP				
Improved Hollow Crown	.05	.10	.20	.60
Guernsey Improved	.05	.10	.20	.60
Long White Dutch	.05	.10	.20	.60

PEAS—Smooth Seed Smooth Seed Peas, 60 lbs. to Bu.	Pkt.	½-Pt.	Pt.	Qt.
Alaska	$0.10	$0.15	$0.20	$0.35
Ameer	.10	.15	.20	.35
Bountiful	.10	.15	.20	.35
Blue Imperial	.10	.15	.20	.35
Blue Beauty	.10	.15	.20	.35
Blackeye Marrowfat	.10	.15	.20	.35
Claudit	.10	.15	.20	.35
D'Anoney Amelior	.10	.20	.30	.50
Early May	.10	.15	.20	.35
Extra Early	.10	.15	.20	.35
Essex Star	.10	.20	.30	.50
Early Morn Suttons	.10	.15	.25	.40
First and Best	.10	.15	.20	.35
French Canner	.10	.15	.20	.35
Fillbasket	.10	.20	.25	.40
Giant Lightning	.10	.20	.30	.50
Giant Blue Express	.10	.20	.30	.50
Improved Sugar Marrow	.10	.15	.20	.35
Long Island Mammoth	.10	.15	.20	.35
Mauritania	.10	.20	.30	.50
Maud S	.10	.15	.20	.35
Melting Sugar	.10	.20	.30	.45
Prolific Early Market	.10	.15	.20	.35
Primo	.10	.20	.30	.50
Peter Pan	.10	.20	.25	.45
Pilot	.10	.20	.25	.45
Pride of Market	.10	.15	.20	.35
Saxonia	.10	.20	.30	.50
Telegraph	.10	.15	.20	.35
Tom Thumb	.10	.15	.20	.35
Velocity	.10	.15	.20	.35
White Marrowfat	.10	.15	.20	.30

Peck and bushel price of Peas vary, write for them.

PEAS—Wrinkled Seed Wrinkled Seed Peas, 56 lbs. to Bu.	Pkt.	½-Pt.	Pt.	Qt.
American Wonder	$0.10	$0.15	$0.20	$0.35
Advancer	.10	.15	.20	.35
Admiral	.10	.15	.20	.35
Abundance	.10	.15	.20	.35
Autocrat	.10	.20	.30	.50
Alderman	.10	.15	.20	.35
Admiral Dewey	.10	.15	.25	.40
Boston Unrivaled	.10	.15	.25	.40
Buttercup	.10	.15	.25	.40
Clatawa, Leonard's	.10	.15	.25	.40
Champion of England	.10	.15	.20	.35
Captain Cuttle	.10	.15	.25	.45
Chelsea Gem	.10	.15	.25	.45
Dwarf Telephone or Daisy	.10	.15	.25	.45
Dwarf Defiance, Sutton's	.10	.15	.20	.35
Danby Stratagem	.10	.15	.20	.35
Duke of York	.10	.15	.20	.35
Duke of Albany	.10	.15	.20	.35
Duchess	.10	.15	.25	.40
Dwarf Gray Sugar	.10	.15	.20	.35
Exonian	.10	.15	.25	.45
English Wonder	.10	.15	.20	.35
Everbearing	.10	.15	.20	.35
Forty Fold	.10	.15	.20	.35
Gems, Premium	.10	.15	.20	.35
Gems, McLean's Little	.10	.15	.20	.35
Green Gem	.10	.15	.25	.45
Gradus	.10	.15	.25	.40
Gladstone	.10	.15	.25	.45
Golden King	.10	.15	.25	.45
Horsfords Market Garden	.10	.15	.20	.35
King Edward VII	.10	.15	.20	.35
Laxtonian	.10	.15	.25	.45
Little Marvel	.10	.15	.25	.45
Lincoln	.10	.15	.25	.45
Nott's Excelsior	.10	.15	.20	.35
Potlatch, Leonard's	.10	.15	.25	.40
Prince of Wales	.10	.15	.20	.35
Richard Seddon	.10	.15	.20	.35
Surprise or Eclipse	.10	.15	.20	.35
Suttons Excelsior	.10	.15	.20	.35
Suttons A-1	.10	.15	.20	.35
Suttons Peerless	.10	.15	.20	.35
Suttons Pioneer	.10	.15	.25	.45
Shropshire Hero	.10	.15	.20	.35
Stratagem	.10	.15	.20	.35
Sharpe Queen	.10	.15	.20	.35
Sherwood	.10	.15	.25	.45
Senator	.10	.15	.25	.40
Stanley	.10	.15	.25	.40
Thomas Laxton	.10	.15	.25	.40
Telephone	.10	.15	.20	.35
Witham Wonder	.10	.15	.20	.35
Wm. Hurst	.10	.15	.20	.35
World's Record	.10	.15	.25	.45
Yorkshire Hero	.10	.15	.20	.35

FIELD PEAS

60 lbs. to Bu.

Common White or Canada	Market Price
Common Blue or Green	
Scotch Green Field	

PEPPER	Pkt.	Oz.	¼-Lb.	Lb.
Long Cayenne	$0.05	$0.20	$0.75	$2.50
Red Chili	.05	.20	.75	2.50
Red Cluster	.05	.20	.75	2.50
Celestial	.05	.20	.75	2.50
Coral Gem	.05	.20	.75	2.50
Kaleidoscope	.05	.20	.75	2.50
Bell or Bull Nose	.05	.20	.60	2.00
Sweet Mountain	.05	.20	.60	2.00
Ruby King	.05	.20	.60	2.00
Chinese Giant	.10	.35	1.00	3.50
Procopp's Giant	.05	.20	.75	2.50
Golden Upright	.05	.20	.75	2.50
Golden Dawn	.05	.20	.75	2.50
Golden Queen	.05	.20	.75	2.50
Tobasco	.10	.35	1.00	4.00
PUMPKIN				
Small Sugar	.05	.10	.30	1.00
Japanese Pie	.05	.10	.30	1.00
Large Cheese or Kentucky Field	.05	.10	.20	.60
Connecticut Field	.05	.10	.20	.60
Mammoth Tours	.05	.10	.35	1.10
Mammoth Potiron. Called also King of Mammoths and Mammoth Prize	.05	.15	.45	1.50
Cushaw or Crookneck	.05	.10	.30	1.00
Winter Queen or Luxury	.05	.10	.30	1.00
Golden Oblong	.05	.10	.30	1.00
Pie	.05	.10	.25	.80
Calhoun	.05	.10	.25	.80
Tennessee Sweet Potato	.05	.10	.30	1.00
RADISH				
Leonard's Three Leaf, Excellent forcing sort; color, bright scarlet, shape olive	.05	.10	.20	.70
Olive Shaped Leafless Forcing	.05	.10	.20	.70
Non Plus Ultra, or Deep Scarlet Turnip Forcing	.05	.10	.20	.70
Scarlet Turnip White Tipped Forcing	.05	.10	.20	.65
Early Scarlet Globe. The best forcing variety	.05	.10	.20	.60
Triumph Scarlet Striped Forcing or Startle	.05	.10	.20	.70
Crimson Giant Forcing	.05	.10	.20	.70
Long Scarlet Short Top	.05	.10	.20	.60
Wood's Early Frame	.05	.10	.20	.60
Cincinnati Market	.05	.10	.20	.60
Colorado Glass	.05	.10	.15	.50
White Icicle	.05	.10	.15	.50
Early Scarlet Turnip	.05	.10	.15	.50
Deep Scarlet Turnip	.05	.10	.15	.50
Scarlet Olive	.05	.10	.20	.60
Carmine Turnip	.05	.10	.20	.70
Rosy Gem	.05	.10	.15	.50
White Tipped Scarlet Turnip	.05	.10	.15	.50
French Breakfast	.05	.10	.20	.60
Early White Turnip	.05	.10	.20	.60
White Olive	.05	.10	.20	.60
Small Early Yellow Turnip	.05	.10	.20	.60

RADISH—Continued	Pkt.	Oz.	¼-Lb.	Lb.
Half Long Deep Scarlet	$0.05	$0.10	$0.15	$0.50
Long Brightest Scarlet White Tip	.05	.10	.15	.50
Improved Chartier	.05	.10	.15	.50
Long White Vienna or Lady Finger	.05	.10	.15	.50
Long White Pearl	.05	.10	.15	.50
White Strasburg	.05	.10	.20	.60
White Summer Turnip	.05	.10	.15	.50
White Stuttgart	.05	.10	.20	.60
Yellow Summer Turnip	.05	.10	.20	.60
Gray Summer Turnip	.05	.10	.20	.60
Rose China Winter	.05	.10	.20	.65
White China or Celestial	.05	.10	.20	.65
California Mammoth	.05	.10	.20	.65
Large White Spanish	.05	.10	.20	.65
Round Black Spanish	.05	.10	.20	.65
Long Black Spanish	.05	.10	.20	.65
RHUBARB				
Victoria	.05	.15	.50	2.00
Linnaeus	.05	.15	.50	2.00
Roots of Either Variety ..... Per Doz., $1.50	Per 100, $10.00	By Express at Buyer's Expense		
SALSIFY	Pkt.	Oz.	¼-Lb.	Lb.
Large White	$0.05	$0.10	$0.20	$0.80
Mammoth Sandwich Island	.05	.15	.25	1.00
SORREL				
Large Leaved French	.05	.10	.20	.80
SPINACH				
Savoy Leaved		.05	.15	.35
Large Leaved Viroflay or Thick Leaf		.05	.15	.35
Round Leaved		.05	.15	.35
Prickly or Winter		.05	.15	.35
Long Standing		.05	.15	.35
Broad Flanders		.05	.15	.35
Victoria		.05	.15	.35
New Zealand	.05	.15	.30	1.00
SQUASH				
Summer Varieties				
Leonard's Giant Straightneck	.05	.10	.30	1.00
Leonard's Giant Crookneck	.05	.10	.30	1.00
Summer Crookneck	.05	.10	.30	1.00
Leonard's Mammoth White Bush	.05	.10	.30	1.00
Early White Bush	.05	.10	.30	1.00
Yellow Bush	.05	.10	.30	1.00
White Summer Crookneck	.05	.10	.30	1.00
Strickler's Summer	.05	.10	.30	1.00
Italian Veg. Marrow (Cocozelladi-Napoli)	.05	.15	.40	1.50
Winter Varieties				
Colvin's Orange Marrow	.05	.15	.30	.90
English Marrow	.05	.15	.30	1.00
Boston Marrow	.05	.15	.30	.90
Sibley or Pike's Peak	.05	.15	.30	1.00
Essex Hybrid	.05	.15	.30	1.00
Red or Golden Hubbard	.05	.15	.30	.90
Mammoth Chili	.05	.20	.40	1.50

SQUASH—Winter Varieties—Continued	Pkt.	Oz.	¼-Lb.	Lb.
Fordhook	$0.05	$0.10	$0.30	$1.00
The Delicious	.05	.10	.30	1.00
Hubbard	.05	.10	.25	.90
Marblehead	.05	.10	.30	1.00
Leonard's Warty Hubbard	.05	.10	.30	1.00
TOBACCO				
Connecticut Seed Leaf	.05	.25		
Havana	.05	.35		
White Burley	.05	.25		
Yellow Pryor	.05	.25		
TOMATO				
Leonard's Early Market	.05	.25	.60	2.10
Atlantic Prize	.05	.25	.60	2.10
Early Michigan	.05	.25	.60	2.10
Royal Red	.05	.25	.60	2.10
Early Optimus	.05	.25	.60	2.10
Dwarf Aristocrat	.05	.35	.75	3.00
Dwarf Stone	.05	.35	.75	3.00
Volunteer	.05	.25	.60	2.10
Favorite	.05	.25	.60	2.10
Perfection	.05	.25	.60	2.10
Chalk's Early Jewell	.05	.25	.60	2.10
Ignotum	.05	.25	.60	2.10
New Stone	.05	.25	.60	2.10
Paragon	.05	.25	.60	2.10
Trophy	.05	.25	.60	2.10
Honor Bright	.05	.25	.75	3.00
Matchless	.05	.25	.60	2.10
Earliana	.05	.25	.60	2.10
Crine's June Pink	.05	.25	.60	2.10
Acme	.05	.25	.60	2.10
Beauty	.05	.25	.60	2.10
Livingston's Globe	.05	.35	1.00	3.00
Dwarf Champion	.05	.35	1.00	3.00
Mikado	.05	.35	1.00	3.00
Essex Hybrid	.05	.25	.60	2.10
Imperial	.05	.35	1.00	3.00
Dwarf Giant	.05	.35	1.00	3.00
Greater Baltimore	.05	.35	.75	2.75
Red Rock. Grown from original strain	.05	.35	1.00	3.50
Buckeye State	.05	.35	.75	3.00
Ponderosa	.05	.35	1.00	3.00
Tenderloin	.05	.35	1.00	3.00
Magnus	.05	.35	.75	2.75
Crimson Cushion	.05	.30	1.00	3.00
Red Currant	.05	.35	.75	
Red Cherry	.05	.25	.75	
Red Pear	.05	.25	.75	
Red Peach	.05	.25	.75	
Yellow Cherry	.05	.25	.75	
Yellow Plum	.05	.25	.75	
Yellow Pear	.05	.25	.75	
Yellow Peach	.05	.25	.75	
Golden Queen	.05	.25	.75	
Golden Trophy	.05	.25	.75	
Husk or Ground Cherry	.05	.25	.75	

The prices except where noted otherwise are for the seeds prepaid to your postoffice or express office.

TURNIP	Pkt.	Oz.	¼-Lb.	Lb.
Extra Early White Milan	$0.05	$0.10	$0.25	$1.00
Extra Early Purple Top Milan	.05	.10	.25	1.00
Early Snowball	.05	.10	.15	.60
Early White Flat Dutch, Strap Leaved	.05	.10	.15	.60
Early Purple Top, Strap Leaved	.05	.10	.15	.60
Purple Top White Globe	.05	.10	.15	.60
Cow Horn or Long White	.05	.10	.15	.60
Large White Norfolk	.05	.10	.15	.60
Large Red Top Norfolk	.05	.10	.15	.60
White Egg	.05	.10	.15	.60
Pomeranean White Globe	.05	.10	.15	.60
Sweet German	.05	.10	.15	.60
Seven Top for Turnip Greens	.05	.10	.15	.60
Southern Prize	.05	.10	.15	.60
Golden Ball	.05	.10	.15	.60
Purple Top Yellow Aberdeen	.05	.10	.15	.60
Amber Globe	.05	.10	.15	.60
Orange Jelly	.05	.10	.15	.60
Green Top Yellow Aberdeen	.05	.10	.15	.60
Yellow Stone	.05	.10	.15	.60
Yellow Globe	.05	.10	.15	.60

RUTA BAGA				
Improved American Purple Top	.05	.10	.15	.60
English Purple Top	.05	.10	.15	.60
Laing's Improved	.05	.10	.15	.60
Skirvings	.05	.10	.15	.60
Carter's Imperial Purple Top	.05	.10	.15	.60
White Ruta Baga	.05	.10	.15	.60
Monarch or Tankard	.05	.10	.15	.60
Budlong's White Rock	.05	.10	.15	.60

BIRD SEEDS				
Canary			.10	.25
Hemp			.10	.20
Lettuce			.15	.50
Maw			.15	.50
Millet			.10	.20
Rape. German Bird			.10	.20
Mixed Bird Seed			.10	.20
Sunflower			.10	.20

CLOVER

Prices Subject to Changes of the Market

Mammoth or Large Red	Market Price
Medium Red	Market Price
Alsike or Swedish	Market Price
Crimson or Scarlet	Market Price
Alfalfa or Lucerne	Market Price
White Dutch	Market Price

The descriptions of all seeds will be found in alphabetical order in the Catalogue beginning at page 33. Where no price is given in the price list it indicates that the article is in very short supply and that it will be to the advantage of the buyer to ask for a special price. Grass Seeds, Clover and all varieties of field seeds vary so much that we find it more satisfactory to have the buyer write for the market price.

GRASS SEEDS

Prices Subject to Changes of the Market

Timothy	Market Price
Orchard Grass	Market Price
Red Top	Market Price
Red Top Solid Seed, Free from Chaff	Market Price
Awnless Broome Grass	Market Price
Hard Fescue	Market Price
Sheep's Fescue	Market Price
Tall Fescue	Market Price
Meadow Fescue or English Blue Grass	Market Price
Meadow Foxtail	Market Price
Rough Stalked Meadow	Market Price
Tall Meadow Oat Grass	Market Price
Rhode Island Bent Grass	Market Price
Perennial Rye Grass	Market Price
Italian Rye Grass	Market Price
Kentucky Blue Grass	Market Price

GOLF MIXTURE	½-Lb.	Lb.	10 Lb.
Leonard's Famous Golf Mixture	$0.20	$0.35	$3.00
Leonard's Special Putting Green Mixture	.20	.35	3.00

LAWN GRASS			
Leonard's Chicago Parks, in Packages	.20	.35	3.00
Leonard's Chicago Parks, in Bulk	.20	.35	3.00
Leonard's Evergreen, in Bulk	.20	.35	3.00
Leonard's Special Mixed	.25	.40	3.50
Shady Nook Mixture	.25	.40	3.50

SUGAR CANE

Early Amber	Market Price
Early Orange	Market Price

BROOM CORN

Improved Evergreen	Market Price
Tennessee Evergreen	Market Price
Early Japanese	Market Price

DWARF ESSEX RAPE

We are headquarters for the genuine Dwarf Essex Rape. We will quote quantity prices upon application. Per 100 lbs. Market Price.

Market Price

FERTILIZERS—Net Cash.

It is unnecessary to tell our customers that Chicago is recognized as headquarters for commercial fertilizer. For varieties, see descriptive list in back of book. Write for prices.

We call attention to our NARROW GRAIN EVERGREEN SWEET CORN, Illustrated on pages 48 and 49. It will be noted that this new type is a great advance over any other stock of the Evergreen varieties of Sugar Corns.

There are other Narrow Grained types being offered. We wish to state plainly that the Leonard type of Narrow Grain is much in advance of these, and that any Narrow Grained type of Evergreen that does not bear the Leonard prefix has not had the proper selection thus far, and is several years behind in development.

CHOICE FLOWER SEEDS

	Pkt.	Oz.
Abronia Arenaria, yellow	$0.10	$1.50
Umbellata, lilac	.05	.50
Abutilon, mixed	.10	3.00
Achillea, ptarmica, fl. pl. double white	.10	5.00
Adonis, aestivalis	.05	.20
Ageratum, Blue Perfection, dwarf	.05	.30
Imperial Dwarf, white	.05	.40
Agrostemma, mixed	.05	.25
Alonsoa, grandiflora	.05	.50
Alyssum maritimum Sweet Alyssum	.05	.20
Little Gem, white, very dwarf	.05	.75
Saxatile compactum, hardy, spring blooming	.05	.40
Amaranthus caudatus, Love Lies Bleeding	.05	.10
Salicifolius, Fountain plant	.05	.50
Tricolor, Joseph's Coat	.05	.25
Ampelopsis Veitchii, Boston or Japanese Ivy	.05	.25
Antirrhinum, tall mixed, snap dragons	.05	.40
Bright scarlet	.05	.60
White	.05	.75
Striped, yellow striped red	.05	
Snow Queen, beautiful dwarf white	.05	
Queen Victoria, the best tall growing white for cutting	.05	
Aquilegia or Columbine, double finest mixed colors	.05	.50
Single mixed	.05	.50
Asparagus, plumosus nanus	.10	
Sprengeri, trailing	.10	
Asperula	.05	.25
ASTERS		
Betteridge's Quilled, mixed	.10	2.00
Dwarf Comet, pink	.10	2.00
Crimson	.10	2.00
White, extra fine	.10	2.00
Rose, edged, white	.10	2.00
Finest mixed	.10	2.00
Dwarf Chrysanthemum-Flowered, finest mixed	.10	2.00
Flesh pink	.10	2.00
Crimson	.10	2.00
Brilliant rose	.10	2.00
Dark lavender	.10	2.00
Fiery scarlet	.10	2.00
Snow white	.10	2.00
Perfection Paeony Flowered, dark blue	.10	2.00
Brilliant rose	.10	2.00
White, pure	.10	2.00
Azure Blue	.10	2.00
Queen's scarlet, fiery scarlet	.10	2.00
Surprise	.10	2.00
Finest mixed	.10	2.00
Giant Comet, crimson	.10	2.00
Snow White	.10	2.00
Lavender	.10	2.00
Deep Blue	.10	2.00

Our Flower Seed Department is fully equipped for efficient service. The stocks we offer are the product of the best European and American specialists. We call particular attention to our ASTERS, PANSIES, PHLOXES and other popular flowers, being in position to meet the requirements of those who take especial pride in their flower garden.

ASTERS—Continued	Pkt.	Oz.
Bright Rose	$0.10	$2.00
Mixed	.10	1.50
Late Flowering, Branching (Semple's Branching), white	.10	.85
Crimson	.10	.85
Lavender	.10	.85
Purple	.10	.85
Shell pink	.10	.85
Mixed colors	.10	.85
Vick's Branching, pure white	.10	1.25
Vick's Branching, mixed	.10	1.25
Queen of the Market, white	.05	.65
Dark blue	.05	.65
Scarlet	.05	.65
Pink	.05	.65
Mixed	.05	.60
Daybreak, soft pink (Vicks)	.10	1.25
Purity, pure white (Vicks)	.10	1.25
Victoria, finest mixed colors	.10	1.50
Scarlet	.10	1.50
White, pure	.10	1.50
Purple	.10	1.50
Peach blossom pink	.10	1.50
Sky blue	.10	1.50
The Carlson Aster, white	.10	1.50
Pink	.10	1.50
Lavender	.10	1.50
Blue	.10	1.50
Daybreak pink	.10	1.50
Mixed	.10	1.50
Dwarf, Mixed, many classes and colors	.05	.75
Tall, mixed, many classes and colors	.05	.65
Hohenzollern, many colors, mixed	.10	2.00
Ostrich Feather, mixed	.10	1.25
Queen of the Earliest, white	.05	.65
Queen of the Earliest, pink	.05	.65
Christmas Tree, mixed	.10	2.00
Arctotis, grandis	.05	.50
Balsam Apple (momordica balsamina)	.05	.30
Balsam Pear (momordica charantia)	.05	.30
Balsam, premium mixed, Camellia	.05	.65
Dwarf spotted, choice mixed	.05	.65
Double-flowered, white choice	.05	.65
Double rose flowered, mixed	.05	.50
Carnation-striped, finest mixed	.05	.40
Balloon Vine	.05	.20
Bartonia aurea	.05	.25
Browallia (elata), mixed	.05	.25
Speciosa Major, immense flowers	.20	
Begonia, Tuberous, single, mixed, large flowering	.25	
Tuberous, double, mixed, large flowering	.25	
Red, mixed varieties	.25	
Vernon, fine bedding and pot plants	.25	
Vulcan	.25	
Bellis, perennis, double daisies, mixed colors	.10	2.00
Double Giant rose, Longfellow	.10	1.75
Double Giant snowball, white	.10	1.75
Brachycome iberidifolia, mixed, Swan River Daisy	.05	.65
Cacalia, mixed	.05	.50
Calceolaria Hybrida Grandiflora. Composed of choicest large flowering, spotted and mottled, mixed	.25	

	Pkt.	Oz.	¼-Lb.	Lb.
Calendula, double white	$0.05	$0.15		
Meteor, double yellow, striped orange	.05	.15		
Calliopsis. Golden Wave. Drummondi	.05	.15		
Campanula (Canterbury) finest mixed single	.05	.30		
Double mixed	.10	1.00		
Canary Bird Flower	.05	.30		
Candytuft. Empress, Giant Hyacinth Flowered, white spike	.05	.30		
White rocket, long spikes of white flowers	.05	.20		
Mixed colors	.05	.20		
Canna, crozy sorts	.05	.20		
Large Flowering, mixed varieties	.05	.40		
Carnation, choice double mixed, extra fine strain	.10	1.50		
Chabaud	.10	2.50		
Giant Margaret, extra choice mixed	.25			
Mixed colors	.05	.75		
Celosia, President Thiers	.10	1.25		
Dwarf, mixed	.10	1.50		
Centaurea, New Margaret, large, white Sultan	.05	.50		
Giant Imperialis, mixed colors	.05	.50		
Cyanus, blue (Ragged Sailor or Corn flowers)	.05	.20		
Candidissima	.05	.75		
Gymnocarpa	.05	.35		
Chrysanthemum Coronarium, mixed	.05	.20		
Double, white	.05	.20		
Cineraria, Hybrida, fine mixture	.25			
Clarkia, single mixed	.05	.20		
Double, mixed	.05	.40		
Clematis, Jackmanii's large flowering, mixed	.25			
Paniculata	.05	.75		
Cobaea, scandens, blue, beautiful tender climber, white, grows 20 to 30 ft	.05	.80		
Coix Lachrymae, Job's Tears	.05	.10	$0.20	$0.75
Columbine (aequilegia) single, mixed	.05	.20		
Double, mixed	.05	.20		
Coleus, choice mixed	.15			
Large leaved hybrids, finest mixed	.25			
Convolvulus Major. See morning glory				
Convolvulus Minor. See morning glory				
Coreopsis, lanceolata, grandiflora	.05	.50		
Cosmos, large flowering, mixed colors	.05	.20		
Dwarf early, mixed colors	.05	.30		
Cyclamen, Persicum, finest mixed	.25			
Giganteum mixed	.25			
Cypress Vine, mixed colors	.05	.20		
Daisy. See Bellis				
Daisy, New Shasta	.10	2.00		
Delphinium, Blue	.05	1.00		
Hybridum single mixed	.05			
Hybridum double mixed	.10	1.50		
Dianthus, double chinensis, mixed	.05	.40		
Heddewigii double mixed	.05	.75		
Snowball, double white	.05	1.00		
Imperialis, double fine mixed	.05	.40		
Imperialis, fireball mixed	.10	1.50		
Digitalis or Fox Glove, mixed	.05	.80		
Dolichos (Hyacinth Bean) mixed	.05	.20		
Echinocystis, lobata, Wild Cucumber	.05	.20		
Eschscholtzia, Yellow California Poppy	.05	.25		
Golden West	.05	.20		
Mixed	.05	.20		
Mandarin	.05	.25		

	Pkt.	Oz.	¼-Lb.	Lb.
Euphorbia variegata, Snow on Mountain	$0.05	$0.20		
Heterophylla, Mexican Fire Plant	.05	.50		
Forget-Me-Not. See myosotis	.05	.25		
Four O'clock. (Marvel of Peru), mixed	.05	.15	$0.20	$0.75
Foxglove. See digitalis	.05	.80		
Fuchsia, single and double mixed	.25			
Gaillardia, mixed, single annual varieties	.05	.10		
Grandiff, Hardy Perennial, splendid cut flower	.05	.30		
Lorenziana, double mixed, annual	.05	.30		
Geranium Zonale, large, single, mixed	.10	.75		
Giant flowering hybrids, mixed	.15	1.50		
Gilia, mixed	.05	.10	.20	.75
Globe Amaranth, mixed, fine everlasting	.05	.20		
Gloxinia Hybrida, mixed	.25			
Godetia, mixed	.05	.20	.50	1.75
Gourds, Dish Cloth	.05	.20	.50	1.75
Dipper	.05	.20	.50	1.75
Japanese Nest Egg	.05	.20	.50	1.75
Sugar Trough	.05	.20	.50	1.75
Hercules Club	.05	.20	.50	1.75
Bottle	.05	.35	.75	1.75
Mock Orange	.05	.20	.50	1.75
Apple shaped	.05	.20	.50	1.75
Pear shaped	.05	.20	.50	1.75
Many sorts, mixed	.05	.20	.50	1.65
Grevillea, robusta, silk oak, beautiful foliage	.05	.70		
Gypsophila paniculata, fine cut flower	.05	.35		
Helianthus. See sunflower				
Helichrysum, double mixed	.05	.50		
Heliotrope, finest mixed, dark sorts	.10	1.25		
Finest mixed, light sorts	.10	1.25		
Hibiscus, sunset, yellow	.10	.80		
Crimson eye	.05	.35		
Hollyhocks, double white	.10	1.25		
Finest double German mixed	.10	1.25		
Annual mixed	.05	.75		
Allegheny, double fringed	.05	.85		
Single, mixed	.05	.35		
Humulus, japonicus, Japanese annual hop	.05	.30		
Japonicus, variegated, mottled foliage	.05	.35		
Ice Plant (mesembryanthemum)	.05	.30		
Impatiens Sultani	.25			
Ipomoea setosa, Brazilian Morning Glory	.05	.30		
Grandiflora, moon flower vine, white	.10	.60		
Heavenly Blue, light blue, yellow throat	.10	.50		
Japanese Imperial Morning Glories, mixed colors, choice	.05	.30		
Job's Tears	.05	.10	.20	.75
Kochia, Tricophylla—Summer Cypress is becoming very popular	.05	.30		
Lantana, finest mixed	.05	.20		
Larkspur, Double Dwf. German Rocket	.05	.25		
Emperor, fine mixed	.05	.30		
Lathyrus latifolius (everlasting pea)	.05	.35		
Linaria Cymballaria (Kenilworth Ivy)	.10	1.50		
Linum (Flowering Flax), scarlet	.05	.20		
Blue	.05	.20		
White	.05	.20		
Mixed	.05	.20		
Lobelia, Crystal Palace	.10	1.50		
Emperor William	.10	1.00		
Gracilis light blue, trailing	.05	.45		

	Pkt.	Oz.	¼-Lb.	Lb.
Lupinus, tall mixed	$0.05	$0.20		
Dwarf mixed	.05	.20		
Lychnis, chalcedonica hardy, perennial, mixed	.05	.25		
Mathiola, bicornis	.05	.20		
Matricaria Capensis fl, pl.—double white Feverfew	.05	.25		
Marigold African double mixed	.05	.30	$0.75	
Legion of Honor	.05	.30	.75	
Dwarf French mixed	.05	.30	.75	
Eldorado	.05	.30	.75	
Mignonette, Grandiflora, mixed	.05	.20	.35	$1.50
Machet	.05	.40	.75	3.00
Golden Machet	.05	.50		
Parsons white	.05	.30		
Maurandia Vine, mixed	.10	1.25		
Mimosa pudica, Sensitive Plant	.05	.30		
Mimulus, tigrinus, spotted mixed, Monkey Flowers	.10	1.25		
Moschatus, Musk Plant	.10	1.50		
Mina Lobata	.10	1.00		
Mirabilis. See four o'clock	.05	.15	.20	.75
Moon Flower. See Ipomea Grandiflora	.10	.60		
Morning Glory, white	.05	.15	.20	.75
Blue	.05	.15	.20	.75
Crimson	.05	.15	.20	.75
Striped	.05	.15	.20	.75
All colors mixed	.05	.15	.20	.60
Dwarf mixed	.05	.15	.25	.75
Japanese. See Ipomea	.05	.30		
Myosotis, alpestris, blue (Forget-Me-Not)	.05	.25		
Alpestris, white	.05	.50		
Alpestris, Victoria blue	.10	1.00		
Palustris, semperflorens	.10	1.50		
Nasturtium, Dwarf—New Chameleon, mixed	.05	.10	.20	.75
Aurora, deep yellow, blotched carmine	.05	.10	.20	.75
Beauty, scarlet, splashed canary	.05	.10	.20	.75
Crystal Palace Gem, sulphur, spotted maroon	.05	.10	.20	.75
Empress of India, deep crimson, dark leaved	.05	.10	.20	.75
Golden King, rich color	.05	.10	.20	.75
King Theodore, rich red, bluish foliage	.05	.10	.20	.75
Pearl, whitish	.05	.10	.20	.75
Prince Henry, yellow, marbled with scarlet	.05	.10	.20	.75
Ruby King, blue, tinted red	.05	.10	.20	.75
Spotted King	.05	.10	.20	.75
Lilliput Flowers, small rich colors	.05	.10	.20	.75
Finest mixture	.05	.10	.15	.60
Leonard's Oak Park, choicest bedding mixture	.05	.10	.25	.85
Nasturtium, Tall or Climbing—New Chameleon, mixed	.05	.10	.20	.75
Regelianum Crimson, one of the best	.05	.10	.20	.75
King Theodore, darkest red	.05	.10	.20	.75
Golden Cloth, scarlet flowers, yellow foliage	.05	.10	.20	.75
Mixed, all colors	.05	.10	.15	.60
Nasturtium, Lobb's—Asa Grey, yellowish white	.05	.10	.20	.75
Brilliant, dark scarlet	.05	.10	.20	.75
Lucifer, very dark scarlet	.05	.10	.20	.75
Firefly, dark orange, spotted red, dark foliage	.05	.10	.20	.75
Madam Gunther, mixed	.05	.10	.20	.75
Roi des Noirs, king of blacks	.05	.10	.20	.75
Mixed sorts	.05	.10	.15	.60
Nicotiana Sanderae	.05	.50		
Affinis	.05	.35		

	Pkt.	Oz.
Pansy, Giant, Trimardeau, mixed, finest strains	$0.10	$1.25
Meteor	.05	.75
Leonard's Fancy Mixture, the finest mixture of Pansy offered, large flowers of brilliant colors and fine texture	.10	1.50
French, large flowering, finest mixed	.05	.75
Odier, or five blotched, choice	.05	.75
Striped and mottled	.10	1.50
Bugnot's superb blotched, extra choice	.10	1.50
English mixed, very fine	.05	.75
Named sorts, mixed	.05	.75
Good Mixture	.05	.50
Fire King, very fine	.10	1.25
Emperor William, blue	.10	1.25
Faust, king of the blacks	.10	1.25
Gold margined	.10	1.25
Havana brown	.10	1.25
Masterpiece	.15	3.00
Azure blue	.10	1.25
Lord Beaconsfield, purple shading to white	.10	1.25
Mahogany color	.05	.75
Giant Peacock, blue, claret and white	.05	.75
Violet margined with white	.10	1.50
Snow Queen, pure white	.10	1.00
Victoria, wine red, very fine	.10	1.25
White, black center, showy	.05	.75
Yellow, black center, showy	.05	.75
Yellow Gem, pure yellow	.05	.75
Primula, Chinese Fringed—Choicest mixed, very fine	.25	
Alba, white	.25	
Rosy Morn, pink	.25	
Chiswick Red	.25	
Fimbriata Emperor	.25	
Fimbriata Rubra	.25	
Fimbriata Lavender	.25	
Forbesi	.15	
Obconica gr. flora	.15	
Veris (Cowslip), mixed	.15	
Japonica, fine mixed	.15	
Poppy—single Shirley, mixed	.05	.20
Single annual sorts, mixed	.05	.15
Double carnation flowered, mixed	.05	.15
Double white swan	.25	.20
Perennial Iceland, double	.10	1.00
Portulaca, single, large flowering, mixed	.05	.30
Double, large flowering, mixed	.10	2.00
Perilla, nankanensis	.05	.15
Platycodon, grandiflora, mixed	.05	.75
Petunia, hybrida inimitable, dwarf	.10	1.25
Hybrida, striped and blotched	.05	.75
Hybrida, finest mixed, first quality	.05	.50
Double, large flowered, extra fine mixed	.25	
Single fringed, very fine	.25	
Double fringed, very fine	.25	
Giants of California	.15	
Ruffled Giants, mixed	.25	
Phlox Drummondi, finest mixed, all sorts	.05	.50
Grandiflora, white	.05	.75
Grandiflora, finest mixed	.05	.70
Decussata perennial varieties, mixed	.10	1.00
Nana Compacta, mixed	.10	1.25

Phlox Drummondi—Continued	Pkt.	Oz.	¼-Lb.	Lb.
Nana Snowball	$0.10	$2.00		
Nana Fireball	.10	1.50		
Nana Fair Maid, pink	.05	.75		
Semi-double, white	.05	.75		
Semi-double scarlet	.05	.75		
Star of Quedlinburg	.05	.65		
Pyrethrum aurem (Golden Feather)	.05	.25		
Selaginoides	.05	.50		
Single, large flowering, mixed	.10	1.50		
Double, large flowering, mixed	.25			
Rodanthe, mixed, excellent market plants	.05	.50		
Ricinus, Borboniensis	.05	.20		
Sanguineus	.05	.10	$0.20	$0.70
Zanzibariensis	.05	.15	.25	.85
Gibsoni	.05	.15	.20	.70
Rudbeckia, Newmanni	.10	1.50		
Salpiglossis, grandiflora, finest mixed	.05	.50		
Salvia splendens, scarlet sage	.10	1.50		
Splendens, Bonfire	.10	2.25		
Splendens, Burning Bush	.10	3.00		
Salvia splendens, New Silver pot	.10	3.00		
Scabiosa, dwarf double, finest mixed	.05	.30		
Large flowered, double, white	.05	.30		
Large flowered, double, finest mixed	.05	.30		
Schizanthus, fine mixed	.05	.20		
Smilax, new crop	.05	.30		
Silene armeria (catchfly)	.05	.20		
Sunflower, multiflores double	.05	.20		
Globosus Fistulosus	.05	.25		
Californicus double	.05	.20		
Nanus, double dwarf	.05	.20		
Miniature flowered	.05	.20		
Stevia serrata	.05	.85		
Stocks, large flowering dwarf, ten weeks, white large flowering dwarf, ten weeks, finest mixed	.10	1.75		
Snowflake dwarf, forcing ten weeks	.25			
Victoria Bouquet, dark red, ten weeks	.15			
Princess Alice, white, cut and come again	.10			

SWEET PEAS

UNWIN AND GRANDIFLORA TYPES

Admiration, rosy lavender	.05	.15	.30	1.10
Agnes Eckford, light pink	.05	.15	.30	1.10
America, blood red, striped white	.05	.15	.30	1.10
Aurora, orange rose, striped white	.05	.15	.30	1.10
Blanche Ferry, pink and white	.05	.15	.30	1.10
Black Knight, dark maroon	.05	.15	.30	1.10
Captivation, rosy purple, large	.05	.15	.30	1.10
California Sunbeams, cream color, fine	.05	.15	.30	1.10
Coquette, primrose yellow, shaded lavender	.05	.15	.30	1.10
Countess of Cadogan, reddish mauve, wings blue	.05	.15	.30	1.10
Dorothy Tennant, rosy mauve	.05	.15	.30	1.10
Dorothy Eckford, one of the best whites	.05	.15	.30	1.10
Duke of Westminster, deep rose maroon	.05	.15	.30	1.10
Earliest of All, pink and white	.05	.15	.30	1.10
Earl Cromer, claret magenta	.05	.15	.30	1.10
Emily Eckford, reddish mauve	.05	.15	.30	1.10
Emily Henderson, pure white	.05	.15	.30	1.10

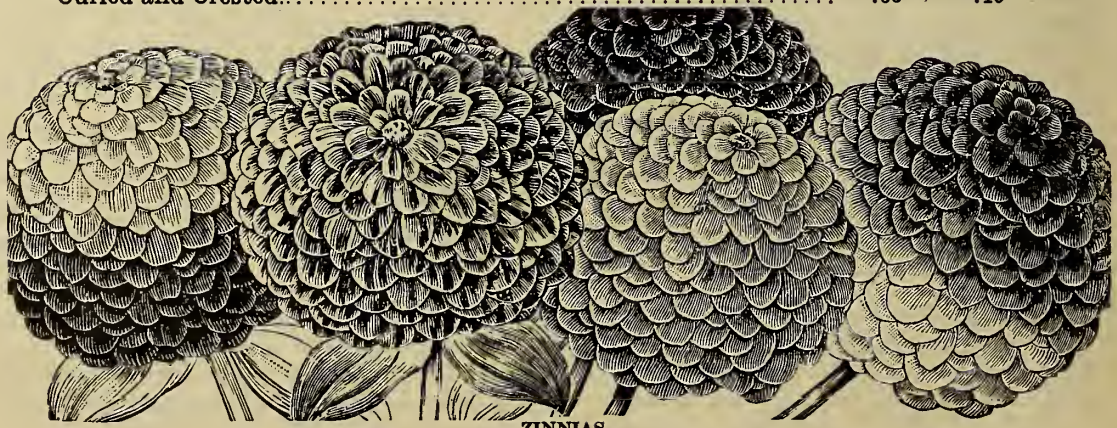
SWEET PEAS—Unwin and Grandiflora Types—Continued	Pkt.	Oz.	¼-Lb.	Lb.
Evelyn Byatt, fine orange salmon	$0.05	$0.15	$0.30	$1.10
Extra Early Blanche Ferry, pink and white	.05	.15	.30	1.10
E. J. Castle, rish carmine shaded salmon	.05	.15	.30	1.10
Gorgeous, bright orange salmon	.05	.15	.30	1.10
Henry Eckford, of extraordinary orange color	.05	.15	.30	1.10
Janet Scott, fine pink	.05	.15	.30	1.10
Jeanie Gordon, bright rose, shaded cream	.05	.15	.30	1.10
Katherine Tracy, fine soft pink	.05	.15	.30	1.10
King Edward VII, bright scarlet, large flower	.05	.15	.30	1.10
Lady Mary Currie, orange pink, shaded lilac	.05	.15	.30	1.10
Lady Nina Balfour, delicate mauve	.05	.15	.30	1.10
Lottie Eckford, white, suffused lavender	.05	.15	.30	1.10
Lovely, soft shell pink	.05	.15	.30	1.10
Maid of Honor, white edged lavender	.05	.15	.30	1.10
Miss Willmot, richest orange pink	.05	.15	.30	1.10
Mrs. Alex. Wallace, delicate lavender	.05	.15	.30	1.10
Mrs. Collier, primrose, delicate shades	.05	.15	.30	1.10
Mrs. Joseph Chamberlain, white, flaked rose	.05	.15	.30	1.10
Mrs. E. Kenyon, primrose	.05	.15	.30	1.10
Navy Blue, deep blue	.05	.15	.30	1.10
New Countess, delicate lavender	.05	.15	.30	1.10
Othello, dark maroon	.05	.15	.30	1.10
Prima Donna, pure pink	.05	.15	.30	1.10
Prince of Wales, bright rose, self color	.05	.15	.30	1.10
Queen Alexandra, bright scarlet red	.05	.15	.30	1.10
Royal Rose, rosy pink	.05	.15	.30	1.10
Sadie Burpee, large, pure white	.05	.15	.30	1.10
Senator, chocolate, striped white	.05	.15	.30	1.10
Shasta, pure white	.05	.15	.30	1.10
Stella Morse, rich primrose, flushed pink	.05	.15	.30	1.10
Sunbeams, delicate cream	.05	.15	.30	1.10
Sybil Eckford, creamy buff	.05	.15	.30	1.10
Triumph, standard rose, wings veined with scarlet	.05	.15	.30	1.10
Venus, salmon buff	.05	.15	.30	1.10
SPENCER VARIETIES				
Asta Ohn, lavender tinted with mauve	.10	.35	.75	3.00
Florence Morse Spencer, delicate pink	.10	.35	.75	3.00
George Herbert, rosy magenta, shading to carmine.	.10	.35	.75	3.00
Helen Lewis, orange, shading to buff	.10	.35	.75	3.00
John Ingman, rosy magenta	.10	.35	.75	3.00
Le Marquis Spencer, violet, shading to navy blue	.10	.35	.75	3.00
Mont Blanc, pure white	.10	.35	.75	3.00
Mrs. Routzahn, apricot, shading to pink	.10	.35	.75	3.00
Othello Spencer, deep maroon	.10	.35	.75	3.00
Primrose Spencer, true primrose	.10	.35	.75	3.00
White Spencer, pure white	.10	.35	.75	3.00
White Wonder	.10	.35	.75	3.00
CHRISTMAS OR WINTER FLOWERING				
Christmas White, pure white	.05	.25	.60	2.00
Christmas Pink, pink and white	.05	.25	.60	2.00
Earliest of All, pink and white	.05	.25	.60	2.00
Earliest White, pure white	.05	.25	.60	2.00

These Varieties Very Scarce. Can Only Fill Orders While Stocks Last

Our Flower Seed Department is fully equipped for efficient service. The stocks we offer are the product of the best European and American specialists. We call particular attention to our ASTERS, PANSIES, PHLOXES and other popular flowers, being in position to meet the requirements of those who take especial pride in their flower garden.

MIXED SWEET PEAS

	Pkt.	Oz.	Lb.
Leonard's Choicest Mixed. This mixture contains the cream of the standard sorts, including the Unwin and Spencer varieties. It is the best mixture to be had	$0.05	$0.15	$1.25
Leonard's Florists' Mixture. This mixture contains the varieties suitable for cut flower trade	.05	.15	1.10
Leonard's Named Sorts Mixed. A complete mixture of the Grandiflora and Unwin types blended in proper proportions	.05	.15	1.10
Eckford Mixed. A very fine mixture of the standard Grandiflora sorts	.05	.15	1.00
Choice Mixed. A very good mixture of all the standard sorts	.05	.15	1.00
Bush Varieties Mixed	.05	.15	1.25
Cupid Sorts Mixed	.05	.20	1.50
Double Choice Mixed	.05	.20	1.50
Spencer Varieties Mixed	.10	.30	3.50
Christmas Flowering Mixed	.05	.25	1.75
Sweet Violet, semper florens, blue	.10	1.25	
Sweet William, single, mixed	.05	.20	
Double, mixed	.05	.85	
Thunbergia, mixed	.05	.80	
Torenia Bailloni	.20	5.00	
Fournieri	.10	2.00	
Alba, White Wings	.10	2.00	
The Bride	.15	3.00	
Verbena, hybrida, Defiance, scarlet	.05	.75	
Mammoth purple	.05	1.00	
Pink	.10	1.25	
White	.10	1.25	
Hybrida, finest quality, mixed	.05	.75	
Vinca, rosea, very fine	.05	.50	
Rosea, white, rose center	.05	.75	
Fine mixed	.05	.50	
Wallflower, single mixed	.05	.20	
Double mixed	.10	2.00	
New annual red	.05	.75	
Wild Cucumber	.05	.20	
Wild Flower Garden Mixture	.05	.10	
Xerantheum, best double, mixed	.05	.30	
Zinnia, double, large flowering, mixed	.05	.30	
Striped striata fl. pl.	.05	.40	
Elegans pumili fl. pl., white	.05	.50	
Grand Robusta plen., giant, mixed	.05	.40	
Haageana, double orange	.05	.75	
Double Lilliput fl. mixed	.05	.40	
Pompon, double, mixed	.05	.40	
Curled and Crested	.05	.40	



ZINNIAS

SUMMER FLOWERING BULBS, ETC.

CALADIUM ESCULENTUM OR ELEPHANT'S EAR

	Each	Doz.
5 to 7 in. in circumference	$0.15	$1.50
7 to 9 in. in circumference	.20	2.00
9 to 11 in. in circumference	.25	2.50
12 in. and up in circumference	.35	

DAHLIAS
Undivided Field Roots

	Each	Doz.
Named Yellow Sorts	$0.15	$1.50
Named White Sorts	.15	1.50
Named Red Sorts	.15	1.50
Named Pink Sorts	.15	1.50

GLADIOLUS—Mixtures

	Each	Doz.
Scarlet and Red Shades, mixed	$0.05	$0.50
Pink Shades, mixed	.05	.50
Yellow Shades, mixed	.05	.50
Scarlet with White Throat	.05	.50
Striped and Variegated, mixed	.05	.50
Good Mixed	.05	.50
Seedling Mixture	.05	.50
Florist's Mixture, light and white	.05	.50
Extra Fine Mixed, light and white, part from named	.05	.50
Leonard's Mixture, an exceptionally choice mixture	.05	.50
Childsii, Mixed, extra large	.05	.50

CANNAS

	Each	Doz.
Alphonse Bouvier, bright crimson. Spikes very large, two or three to a stalk	$0.10	$1.00
Alsace, nearly white	.10	1.00
Black Beauty, leaves almost black	.10	1.00
Austria, canary yellow, spotted with brownish red flowers	.10	1.00
Burbank, canary yellow	.10	1.00
Chas. Henderson, bright crimson with yellow in center	.10	1.00
Chicago, velvety red	.10	1.00
Compte de Bouchard, lemon, spotted red	.10	1.00
Duke of Marlboro, dark maroon	.10	1.00
Egandale, bronzy leaves, soft currant red flowers, an excellent variety	.10	1.00
Flamingo, glowing crimson	.10	1.00
Florence Vaughan, rich golden yellow spotted with bright red, large flowers	.10	1.00
Italia, red bordered with yellow	.10	1.00
Luray, pink, pleasing shade	.10	1.00
Red Shades, mixed	.10	1.00
Yellow Shades, mixed	.10	1.00
Chicago Parks Bedding, comprising the best varieties	.10	1.00
Good Mixed	.10	1.00

CALLA LILIES

Richardia Ethiopica is the well-known Egyptian Lily, or Lily of the Nile, with large white flowers, broad foliage, and it will prosper under very adverse circumstances if given plenty of water. It is an excellent plant for aquariums. In the spring it may be planted in the garden until the autumn.

Richardia Ethiopica or Egyptian Lily. Our Calla roots are large and fine, as we have them grown for us in California, where the Calla is perfectly at home. **Each, 25c.**

Alba Maculata or Spotted Calla. This is a fine plant for summer. The bulbs must be kept in dry sand in the winter. **Each, 25c.**

PAEONIES

	Each	Doz.
Double, Red	$0.15	
White	.15	
Pink	.15	

TUBEROSES
Well cured, extra fine bulbs.

	Each	Doz.
Dwarf Pearl	$0.05	$0.50
2d size	.04	.35
Tall Double	.05	.50

HARDY JAPAN LILIES

Auratum, 7 to 9 in	.20	2.00
9 to 11 in	.20	2.00
11 to 13 in	.20	2.00
Album, 7 to 9 in	.20	2.00
9 to 11 in	.20	2.00
Rubrum, 8 to 9 in	.20	2.00
9 to 11 in	.20	2.00
11 to 13 in	.20	2.00
Tiger Lily, single	.15	1.50
Double	.15	1.50

MISCELLANEOUS

Madeira Vine, nice tubers	.05	.50
Tigridia, red, white, yellow	.15	1.50
Cinnamon Vine	.05	.50

AMPELOPSIS

Veitchii (Boston or Japan Ivy.) The leaves of this beautiful climber, resembling in shape the English Ivy, overlap one another closely, changing in the fall to the most vivid autumnal tints. Extra strong field grown plants. **Each, 20c.**

Quinquefolia. (Virginia Creeper.) Well known; leaves changing in fall to brilliant tints. Strong field grown plants. **Each, 20c.**

HYBRID LARGE FLOWERED CLEMATIS

Jackmanni. The best known of the fine perpetual clematis. Flowers intense violet purple.

Jackmanni Alba. White, strong grower.

Hybrida Sieboldi. Silvery lavender, a most beautiful shade.

Any Variety, Strong Plants. Each, 50c.

GARDEN AND FARM TOOLS

STANDARD SEED DRILLS AND CULTIVATORS

	Each
Matthews' New Universal Model Garden Drill	$ 6.50
Hill and Drill Seeder	8.50
Constellation Drill	8.50
New Universal Double Wheel Hoe, Cultivator, Rake and Plow	5.50
Plain Double Wheel Hoe	3.50
Single Wheel Hoe, Cultivator, Rake and Plow	4.25
Plain Single Wheel Hoe	2.75
Expansion Double Wheel Hoe, Cultivator, Rake and Plow	5.50
High Arch Expansion Wheel Hoe, Cultivator, Rake and Plow	5.50
No. 2 Single Wheel Hoe, Cultivator and Plow	4.25
Hand Wheel Plow	2.00
"Planet, Jr."	
No. 4, Hill and Drill Seeder and Single Wheel Hoe	11.00
No. 4, Hill and Drill Seeder, Plain (as a Drill only)	9.00
No. 25, Combined Hill and Drill Seeder	13.00
No. 3, Seed Drill	10.00
No. 5, Hill and Drill Seeder	12.50
No. 21, Hill and Drill Seeder and Fertilizer Drill	18.00
No. 11, Double Wheel Hoe	8.50
No. 12, Double Wheel Hoe	7.00
No. 13, Double Wheel Hoe	4.75
No. 15, Single Wheel Hoe	5.50
No. 16, Single Wheel Hoe	5.85
No. 17, Single Wheel Hoe	5.00
No. 18, Single Wheel Hoe	3.50
No. 19, Single Wheel Hoe	3.75
The Iron King Seed Drill	8.00
With Fertilizer Attachment	10.00

SPECIAL SEED DRILLS AND CULTIVATORS

Perfection Garden Cultivator, either size	5.00
New Model Drill	8.00
Southport Onion Drill	8.00
Matthews' Hand Cultivator	5.00
McGee Hand Cultivator	5.00
No. 22 Iron Age Seed Drill with Fertilizer Attachment	18.00
Barker Weeder, either size	5.00

BROADCAST SEEDERS

Cahoon Hand Broadcast Seeder	3.50
Cyclone Hand Broadcast Seeder	1.50
Chicago Fiddle Bow Broadcast Seeder	1.00

HAND WEEDERS

		Doz.
Excelsior Weeding Hook	.10	$0.75
Hazeltine Weeding Hook	.20	2.00
Lang's Weeding Hook	.20	2.00
Combination Weeding Hook	.35	2.50

BONE CUTTERS

Wilson's "Crown" Bone Cutter without stand	5.00
With Stand	7.00
No. 1. Bone Mill for crushing dry bones, shells, etc., withou stand	5.00
No. 1. Bone Mil with stand	7.00
Wilson's Family Grist Mill for grinding and crushing all kinds of grain	5.00
No. 0. Family Grist Mill without stand	5.00
No. 0. Family Grist Mill with stand	7.00

MISCELLANEOUS

Whitewash Sprayer No. 28	1.50
Compressed Air Sprayer No. 30	2.00
Eagle Corn Planter	1.25

Where Tools and other Supplies are described in the catalogue and not priced in the price list the values vary and special prices will be given upon application.

LEONARD'S SEEDS

ARTICHOKE

The Globe Artichoke is cultivated for its flower-heads, which are cooked like asparagus. Plants set in any good soil, with slight covering in winter, will remain in bearing several years.

Large Green Globe. The standard variety.

Green Globe Artichoke

Artichoke Jerusalem

Jerusalem. This variety is not produced from seed, but is cultivated for its tubers which are especially valuable for stock feeding on account of their fattening properties; they are well adapted to any soil where corn and potatoes can be grown.

ASPARAGUS

(Asparagus Seed)

Columbian Mammoth White. A new and entirely distinct variety, that produces shoots that are white, and remain white as long as fit for use.

Conover's Colossal. The standard variety; of large size, tender and of excellent quality.

Argenteuil

Barr's Mammoth. The stalks are very large, frequently one inch in diameter, with few scales; the stalks retain their thickness completely up to the top of the shoots, and have close, round heads.

Palmetto. It is of very large size, even and regular in growth and appearance. It is a very early sort, and immensely productive and of the best quality.

Giant Argenteuil. Is a selection from imported French Argenteuil stock. An improvement upon the original. In the south it is regarded as distinctly superior to Palmetto. One experienced grower says that Argenteuil is as much larger than Palmetto as Palmetto is larger than Conover.

Bonvallet's Giant. Becoming very popular with large growers. Preferred by many over all other kinds.

ASPARAGUS PLANTS

Asparagus Roots can be supplied from November 1st to May 1st, but the best time for planting in the North is in the early spring.

Columbian Mammoth White. 2-year-old roots.
Conover's Colossal. 2-year-old roots.
Barr's Mammoth. 2-year-old roots.
Palmetto. 2-year-old roots.
Giant Argenteuil. 2-year-old roots.
Bonvallet's Giant. 2-year-old roots.

EXTRA EARLY RED VALENTINE

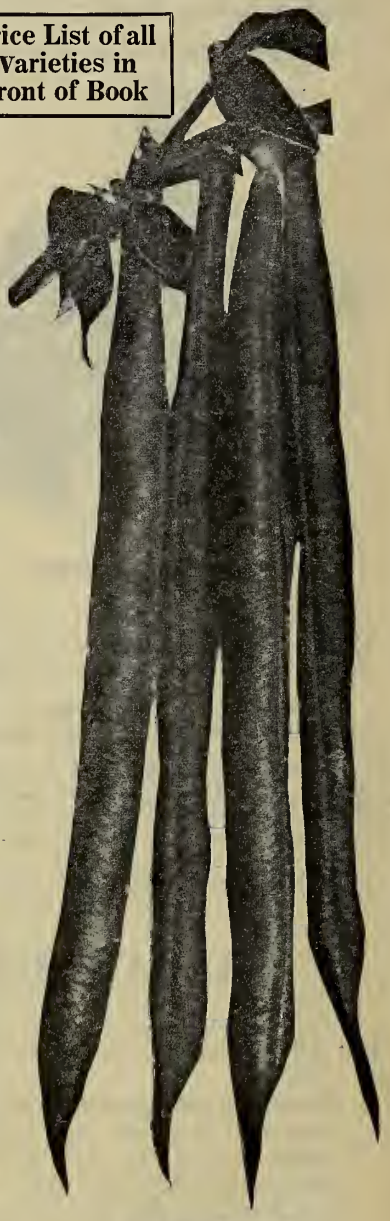
BUSH BEANS

GREEN POD VARIETIES

Extra Early Refugee. Very much earlier than the Old Style Refugee, or 1000 to 1, being fit to eat in 48 days from planting. More dwarf and compact in growth, while the pods are round, solid, tender, and of excellent quality, suitable for table use, canning or pickling.

Refugee, or 1000 to 1. The vines large, spreading, exceedingly hardy, with small smooth leaves, very late and bear long cylindrical green pods of excellent quality. Highly esteemed for late planting and for use as pickles.

Price List of all Varieties in Front of Book



BLACK VALENTINE

Bountiful Beans. This new, green podded Bush Bean is a heavy cropper and very early, of fine shape, stringless, and good quality. Its hardiness and great productiveness make it one of the very best Bush Beans.

Tennessee Green Pod. This dwarf snap bean, although new to the Seed Trade, has for several years been grown in the South, and wherever known is freely spoken of in terms of highest praise. Vine prolific, foliage dark green with leaves large and crumpled. Pods long, flat, irregular in shape, bright green and of most excellent quality. Seed medium size, oval, flat, yellowish brown in color.

Extra Early Red Valentine. Hardy, pods light green, and semi-transparent, round and slightly curved. Succulent, prolific, and quite free from strings, continuing long in an edible condition; 46 days from planting to first picking.

Long Yellow Six Weeks. The vine is large, vigorous, branching and productive, with large leaves. Pods long, straight, thick, flat in shape, green in color, of good quality when young and fair as they near maturity. Is ready for picking 45 days from planting.

Round Yellow Six Weeks. Very similar to Long Yellow Six Weeks as to vine, with pods shorter and much more thick and fleshy, about one week later, being ready for table 57 days from planting. Seed round, yellowish drab with a slightly darker marking about the eye.

Early Mohawk. One of the oldest and best known sorts. The pod is green, thick, flat in shape, of fair quality, developing a slight string as it matures. Is ready to pick 48 days from planting, and will resist a slight degree of frost very successfully.

Black Valentine. This excellent variety is a great improvement over the old standard early Red Valentine, being one-third longer than that variety with pods perfectly round and straight and of excellent quality. It also has the additional advantage of being suitable for both early and late planting and is extremely hardy. It will withstand early and late frost, is an excellent shipper, a large yielder, and of very handsome appearance.

BUSH BEANS, Green Pods—Continued

LONGFELLOW BEAN

Longfellow. This new bean has long green pods, is exceedingly prolific, always solid, a delicious flavor, is tender and remarkably early. It matures its crop very regularly and withstands adverse conditions well. A good bean for market or home use.

Burpee's Stringless Green Pod. This new bean produces a vine similar to Red Valentine, but develops pods to an edible condition in 42 days, about four days earlier than Valentine. The pods are green, not quite so round as Valentine and less curved. The pods are stringless, absolutely so, this quality at once placing the variety at the top of the list among table beans, while the early maturity is of great merit. This stringless quality is of particular value, the pods breaking as short and free as pipe stems.

Giant Stringless. A very hardy, stocky vine, pods long, round and green in color, of exceptionally fine quality and stringless throughout its entire growth. About a week earlier than Red Valentine and much more prolific.

Improved Tree or Dwarf White Navy. A variety developed in western New York. Is a sure cropper, and not only more prolific than the common white bean, but also of better quality.

Best of All. The hardy, vigorous vine produces an abundance of very straight, handsome pods which when fit for use as snaps, are very brittle and of a peculiar deep green color.

Dwarf Horticultural. Vines very productive, compact, upright, with large leaves. Pods medium length, cylindrical, curved, with splashes of bright red on a yellowish ground. Seed large, oval, plump and nearly covered with splashes of bright red.

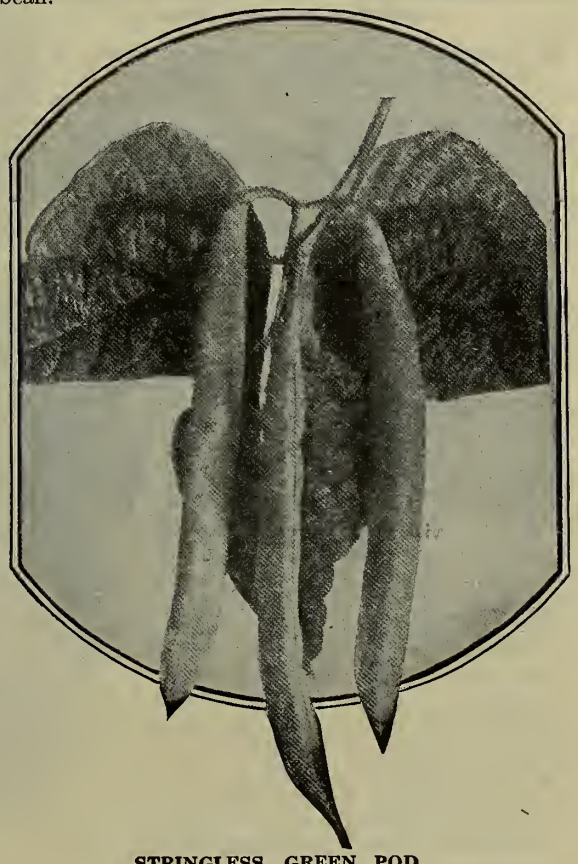
Leonard's Pheasant Eye. Is a valuable new green podded variety. Vines hardy, sturdy, well leafed. Pods long, meaty, stringless and of excellent quality. Originated from plant found in Bountiful; it retains all the good points of that variety, with added symmetry of pod. Seed white, splashed more or less at eye side with yellowish brown, which coloring also surrounds eye.

Large White Marrow or Mountain. Vines large, slender, spreading, with short runners and small leaves; very prolific; pods medium, broad, green, changing to yellow; beans large, clear white, ovoid, cooking very dry and mealy.

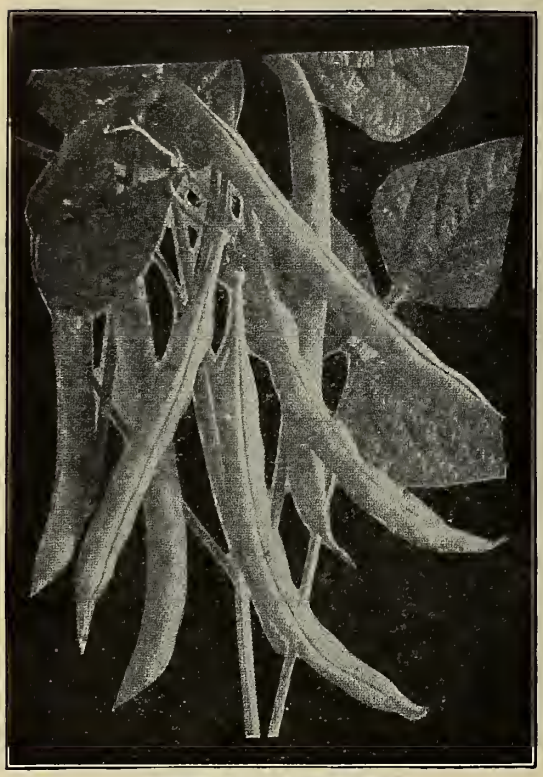
Red Kidney. Well known shell bean.

White Kidney. A splendid shell bean.

Broad Windsor. The standard English horse bean.



STRINGLESS GREEN POD



PENCIL POD BLACK WAX

BUSH BEANS

WAX PODS

Davis White Wax. This bean is adapted alike for the canner, market gardener, shipper or amateur. The dry bean is large, kidney shaped, and white in color, making it one of the best for cooking in a dry state. Pods are long, meaty, flat in shape, and of a beautiful yellow color and fair quality.

Currie's Rust Proof Wax. An excellent Wax Bean in every respect. Rust proof, tender, thick, flat pods of very good quality. Very little string in early stages, developing a little when nearing maturity. Fit for table use 47 days from planting.

Golden Wax. The old standard wax sort. Productive and early with yellow semi-round pods of good quality, ready to pick 49 days from planting.

Improved Golden Wax. Rust proof, an improvement on the old style Golden Wax. Pod is semi-round, yellow, of good quality and has no string. Ready for picking 47 days from planting.

Detroit Wax. A distinct variety of recent introduction, which is worthy of a place in every garden. The waxy, yellow pods are produced in great abundance and the quality is extra fine.

Flageolet Wax. A large bush wax variety; seed large, purplish red; excellent as a snap bean, and in great favor as a dry shell bean.

Refugee Wax. A perfect Refugee with Wax pods. Pods long, round, and of a golden yellow color. One of the earliest, quality excellent and is fit for picking 57 days from planting. A very fine canning bean.

Wardwell's Kidney Wax. Hardy and productive, pods long, broad, thick, flat, and of a delicate waxy yellow, of excellent quality and with no string in the early growth, ready for table 48 days from planting.

Pencil Pod Black Wax. Pencil Pod Black Wax grows a taller, stronger and more vigorous bush than the Improved Prolific Black Wax, long, slender, straight, handsome pods, shaped very much like a pencil.

Prolific Black Wax. The old standard Black Wax Bush Bean. It is so good that it is worthy of special notice. The pods are round, brittle, of handsome golden yellow color, and of buttery flavor when cooked.

Leonard's Webber Wax. A new Wax Bean of distinct character. This bean has been in the hands of a few Chicago gardeners for some years back. Several years ago we secured a small lot which we have nursed along and this year we have enough seed to offer it in limited quantities to our customers. The vine is strong, holding the pods well up. The pods are of an exceedingly bright yellow color, handsomer in this respect than any other wax bean; in shape they resemble Wardwell's wax but are rounder and more meaty. The color of the seed is yellow.

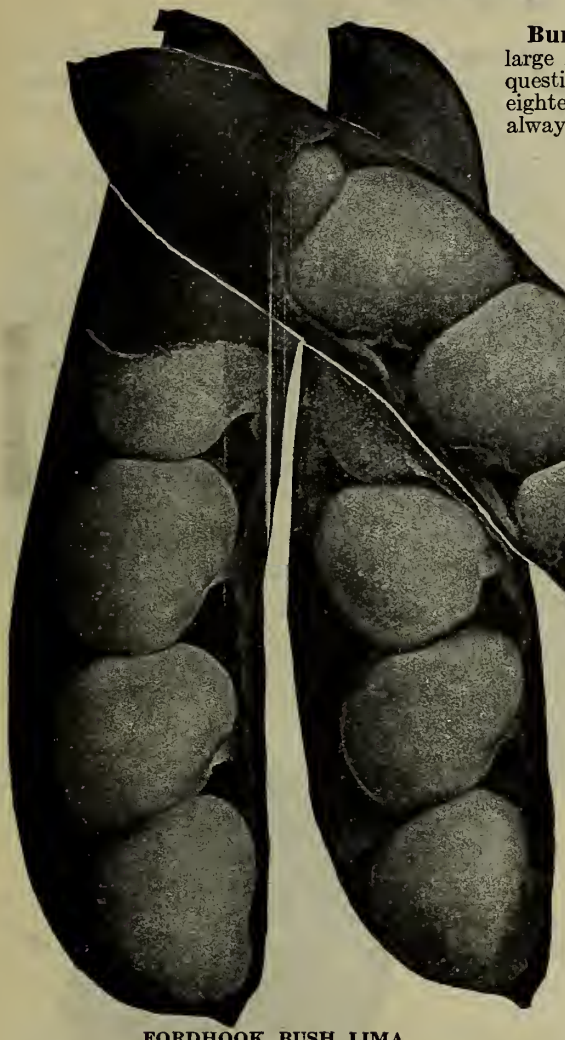
Hodson Wax. An excellent sort, later than some of the others, but having many superior points.

Round Podded Kidney Wax. A round podded variety of great merit.

White Wax. The old standard white seeded wax bean, very prolific.

LEONARD'S WEBBER WAX

DWARF LIMA VARIETIES



FORDHOOK BUSH LIMA

Burpee's. The only bush form of the true, luscious, large lima. It is pronounced by all good judges as unquestionably the real Bush Lima. The bushes grow eighteen to twenty inches high, of stout growth and always erect. It is an immense yielder.

Dreer's. The true bush form of the chubby Dreer's or Potato Lima. The pods are heavy and thick. It is quite productive and of excellent quality.

Henderson's. This is a bush form of the small Seiva pole bean. It is the original bush form of the pole beans. It is the most productive of any, and on the whole is a vegetable of great merit.

New Wonder. This gives the largest and best returns—a big crop from a small space—and is a decided improvement on the original type of Burpee's Bush Lima. The beans are of flat shape and fully equal in flavor to the famous Dreer's Bush Lima, so well and favorably known.

Fordhook Bush Lima. Vines strong, erect and true Bush Lima growth. Foliage heavy and very dark green in color. The stalks that produce the blossoms are thrown out from the lateral and main stalks. The pods resemble Dreer's Bush Lima, but average more than double the size and contain from 3 to 5 beans to the pod.

POLE BEANS

Kentucky Wonder. Vines vigorous, climbing well, and very productive, bearing its pods in large clusters; blossoms white; pods green, very long, often reaching 9 to 10 inches. Nearly round when young and very crisp, although as they reach maturity they become irregular and spongy. Dry Beans long, oval, dun-colored.

Scarlet Runner. Height, 10 feet with dazzling scarlet flowers from July to October; both ornamental and useful. It is used either as a string or shelled bean.

London Horticultural, or Speckled Cranberry. Vines moderately vigorous, bearing short, broad, pale green pods, becoming streaked with bright red as they near maturity. Beans large, ovate and splashed with red. Used either green or in the dry state.

Red Speckled Cut Short (or Corn Hill). This is the best sort to plant in hills of corn. A great cropper.

Dutch Case Knife. Vines moderately vigorous, climbing well and excellent for a corn hill bean; leaves large, crumpled, and pods very long, flat, green in color, becoming creamy white later. Beans broad kidney shaped, flat, and white in color.

Early Golden Cluster Wax. One of the very finest pole beans. Very early, being only a week later than Golden Wax.

White Creaseback. An extremely early Pole Bean. Vines small to medium and wonderfully productive. Bearing pods in clusters of from 4 to 12, and medium in length. An excellent shipper.

Lazy Wife. One of the most productive and easily gathered of the Pole Beans, hence its very discourteous name. A most excellent bean for the home garden.

Early Jersey Lima. 10 days earlier than any other Lima. Recommended as a most profitable Lima Bean.

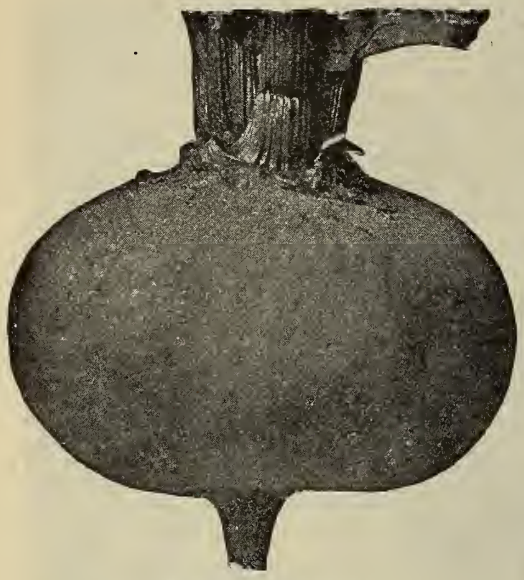
Dreer's Improved or Challenger Lima. This is a bean of rather peculiar shape, being thick and plump, rather than flat and oval.

King of the Garden Lima. The old standard market and family sort. The vine begins to produce pods at the foot of the pole, and the bearing season continues until frost. Pods large, and well filled with beans of mammoth size.

Large White Lima. The large Lima is a general favorite wherever it can be cultivated, on account of its excellent flavor and productiveness.

Small White Lima, Carolina or Sieva. Vines vigorous with many short branches, so that they are sometimes grown without poles; very early and productive, bearing short pods, which are thin and curved.

TABLE BEETS



CROSBY'S EGYPTIAN

Early Turnip Bassano. Tops large; leaf stems light red; leaves light green; roots large, flesh pink, zoned with white.

Crimson Globe. This is one of the finest beets yet introduced. Roots are not large, but very handsome. Round, and a clean, smooth surface. Leaves very small, with slender stems.

Detroit Dark Red Turnip. Quality good, sweet and tender; color deep red; roots are turnip shaped, with small tap roots.

Dewing's Early Blood Turnip. A good variety for main crop. Keeps well. Like Edmand's, but lighter color.

Swiss Chard, or Silver. Used for its leaves.

Edmand's Early Blood Turnip. The best sort for general crop. In quality one of the finest, exceedingly dark, shape globular, having only one tap root. Very popular with market men.

Improved Blood Turnip. An improved variety of the Early Blood turnip of deep, blood-red color; fine form and flavor. An excellent market sort.

Bastians. An extra early variety, much esteemed by market men East and South. Color light.

Half Long Blood. One of the best for winter use. The roots are only half as long as the Long Blood, but weigh as much on account of their thickness.

Long Smooth Blood. The standard long late sort. Very dark, blood-red flesh; quality fine.

Electric. A fine early beet. The color is dark crimson, with rings of a lighter red. Shape, round and smooth; leaves, small and compact.

Columbia. Round and smooth, with deep red flesh; early and very tender.

Arlington Improved. Early; deep round form; medium size; color, dark blood red; does not become stringy.

Leonard's Egyptian. This is the earliest and best bunching beet for market gardeners. It has been grown for many years by the gardeners of Chicago, and now they prefer it above all others.

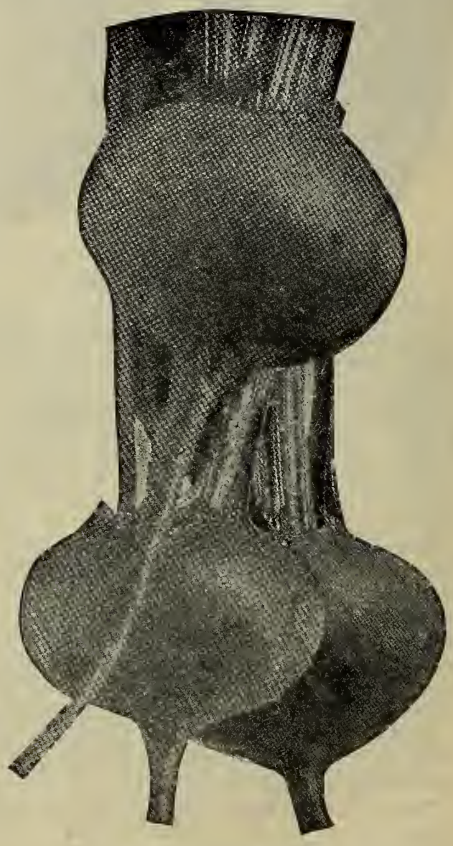
Crosby's Egyptian. This variety resembles the Egyptian only in its extreme earliness. The stock we offer is of a distinct vermilion color, which is very attractive not only in the beets as pulled, but after they have been cooked. They are also more spherical than the Extra Early Egyptian and we think of better quality.

Early Egyptian. The well-known early variety. Color, extra dark; shape, flat; quality, excellent.

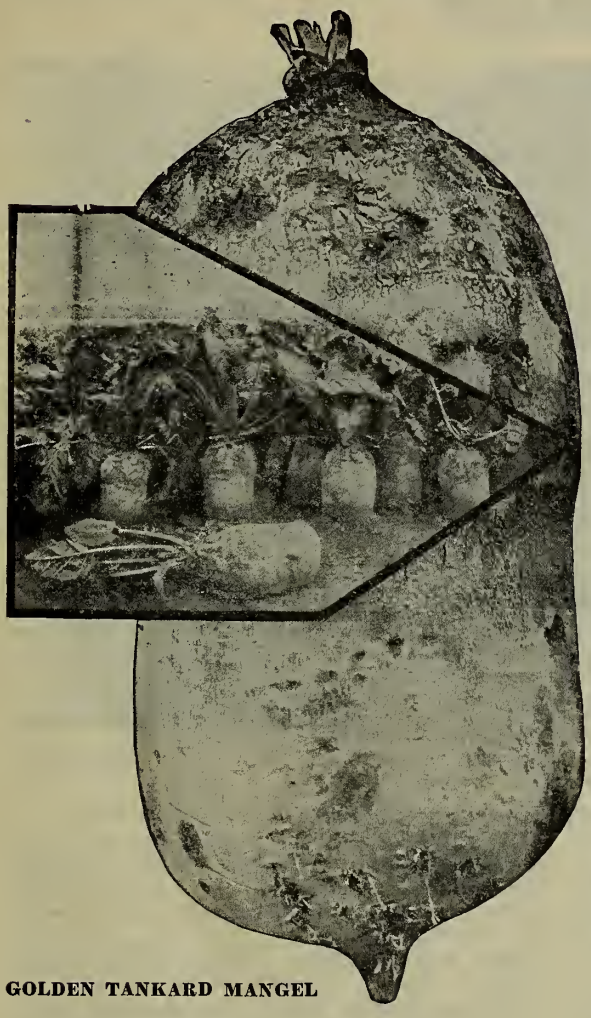
Early Eclipse. A choice early variety; well known and popular. Shape, globular; quality, good; color, light.

Lentz Extra Early Blood Turnip. A favorite market-gardeners' beet around Philadelphia. Very early and sweet; ringed red and white.

Ruby Dulcet. Globe-shaped; in every respect a handsome market sort; small top, small tap-root; skin and flesh deep, rich, purplish crimson.



DETROIT DARK RED



GOLDEN TANKARD MANGEL

BROCCOLI

Nearly allied to the cauliflower, but more hardy. The seed should be sown in this district in the early part of May, and transplanted in June; further south the sowing should be delayed until June or July, and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 25 degrees broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cold atmosphere.

White Cape. Heads medium size, close, compact, and of creamy white color. One of the most certain to head.

Purple Cape. Differs only in color.

BRUSSELS SPROUTS

This is one of the best vegetables for winter use, producing from the axils of the leaves an abundance of sprouts, resembling small cabbages, of excellent, mild flavor.

Tall French. Very fine.

Dwarf Improved. A variety producing compact sprouts of excellent quality.

STOCK BEETS

Leonard's Improved Mammoth Long Red. The largest and most productive variety. Immense crops can be grown from it.

Norbiton Giant Long Red. Very large, excellent variety for feeding stock.

Yellow Globe. Globular shaped roots. More productive than Long Red in shallow soil. Very nutritious and a good keeper.

Golden Tankard. Shape cylindrical, color deep rich yellow, flesh yellow circled with white. Unequaled for feeding stock.

Orange Globe. We think this one of the best varieties of mangel wurzel.

SUGAR BEETS

Vilmorin's Improved Sugar. In general, the most desirable beet for the factory is the one containing the largest percentage of sugar.

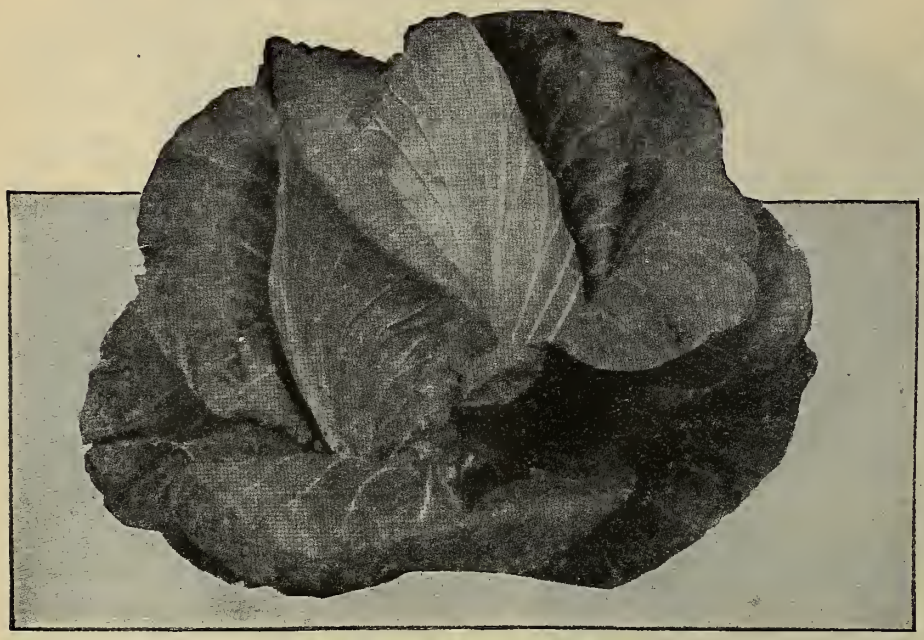
Klein Wanzleben. A little larger than Vilmorin's Improved, yielding from twelve to eighteen tons per acre, and containing about the same amount of sugar. It grows below the surface, and the green leaves are rather large and spreading.

Lane's Imperial Sugar. Good for making sugar, also stock feeding. A hardy and productive sort. Yields fourteen to sixteen tons per acre, and contains about 16 per cent of sugar.

Giant Half-Sugar. This unites the large size of the mangel with the greater feeding value of the sugar beet.. The roots average ten to twelve inches, and the outline is that of a broad thick wedge. The upper portion is of a soft bright pink, shading lighter toward the bottom where the lower portion for about one-third the length is white.

BRUSSELS SPROUTS

CABBAGE



EARLY JERSEY WAKEFIELD

Extra Early Express. An extra early sort, in which the plants are compact, with round thick leaves that form an oval head, which is astonishingly large for the size of the plants.

Early Jersey Wakefield Cabbage. Our selected stock. This is one of the most important varieties in the list. Great care must be exercised in the growing of the seed to have it pure and true to type. We give especial attention to the growing of our Wakefield stock, and its uniform excellence is a source of gratification to us.

Large or Charleston Wakefield. This is a selection from the best extra early Jersey Wakefield, which will average about 50 per cent larger.

Early York. Heads small, heart-shaped, firm and tender. Can be planted 15 to 18 inches apart.

Henderson's Early Summer. A standard summer variety. We have the true stock.

Henderson's Succession. A good summer cabbage; also makes a good cabbage to succeed itself.

Fottler's Early Brunswick. An early fall variety, well known and popular.

Fottler's Improved Brunswick. An excellent shipping sort, as it does not burst or rot. Well thought of by all gardeners of Chicago.

All Seasons. A fine variety for any season, of good shape and size.

Vandergaw or Chicago Market. The Vandergaw is a very good second early cabbage. It is popular with many of the Chicago market gardeners. It comes in with the Succession and All Seasons, and forms a nice solid head.

Louisville Drumhead. This fine cabbage is very popular with the kraut makers. It is a medium late variety, forming a large solid head, which seldom bursts. It is used largely by shippers in the vicinity of Chicago who ship cabbages south.

Early Spring Cabbage. The earliest flat head, as early as Jersey Wakefield. Yields one-third more than the early pointed heads. Solid, uniform and finely grained heads. Stem is short and extends but little into the head.

Early Winningstadt. An early variety of excellent quality, not as early as the Wakefield.

All Head Early. One of the finest early flat-head cabbages.

Early Dwarf Flat Dutch. An early cabbage of good size. Heads are flat and very solid.

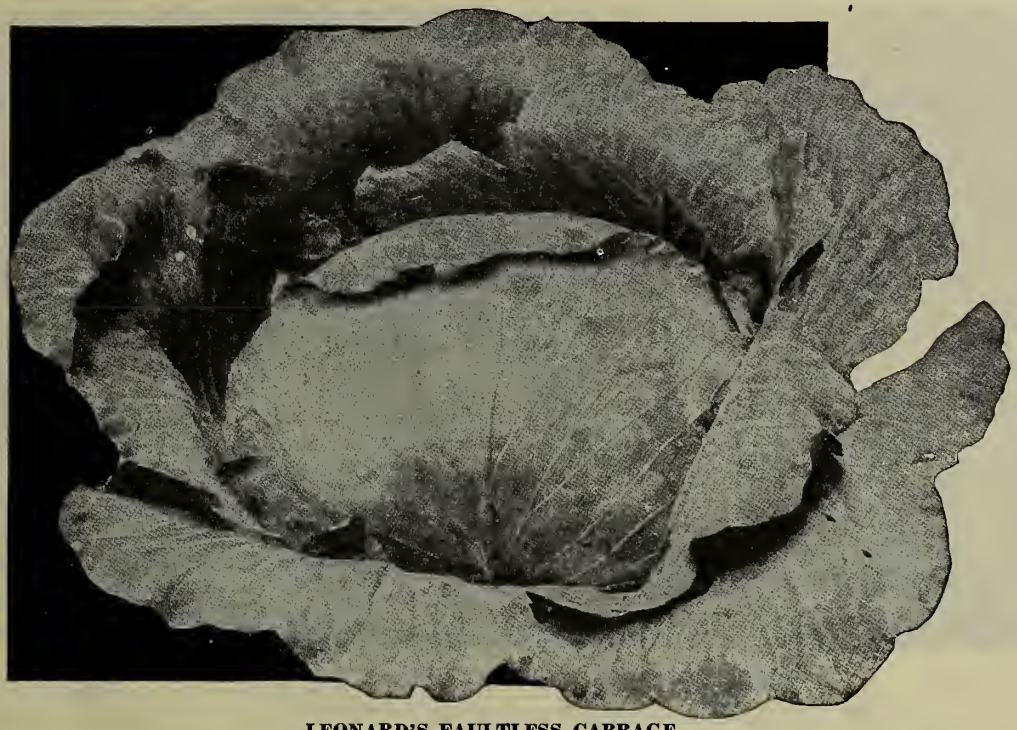
GLORY OF ENKHUIZEN

This is an excellent mid-summer variety. It comes in about a week earlier than All Seasons, makes a nice large head, has few outer leaves and can be planted close. Our tests show it to be worthy of a place among the new varieties of merit and we can recommend it as a good addition to the list.

The Lupton. The Lupton Cabbage is the result of an effort to combine in one variety the best qualities of the second-early and the late sorts. It is a little earlier than any one of the various strains of Flat Dutch and Drumhead.

GLORY OF ENKHUIZEN

CABBAGE



LEONARD'S FAULTLESS CABBAGE

LEONARD'S FAULTLESS

IS NOW AND FOR YEARS HAS BEEN THE FAVORITE SECOND EARLY CABBAGE AT CHICAGO

The product of this seed out-sells any other second early cabbage two to one on the home market. It can be marketed in the early summer, during midsummer, in the fall and early winter, making it the best all purpose variety ever introduced. It is popular alike with the grocer, kraut maker and shipper. It is possessed of earliness, large size, compactness and will produce more salable heads to the acre than any other stock we know of. It is of the succession type, but is earlier, head is rounder, sits out of the under leaves higher, has a darker color of leaf and can be planted closer.

COPENHAGEN MARKET

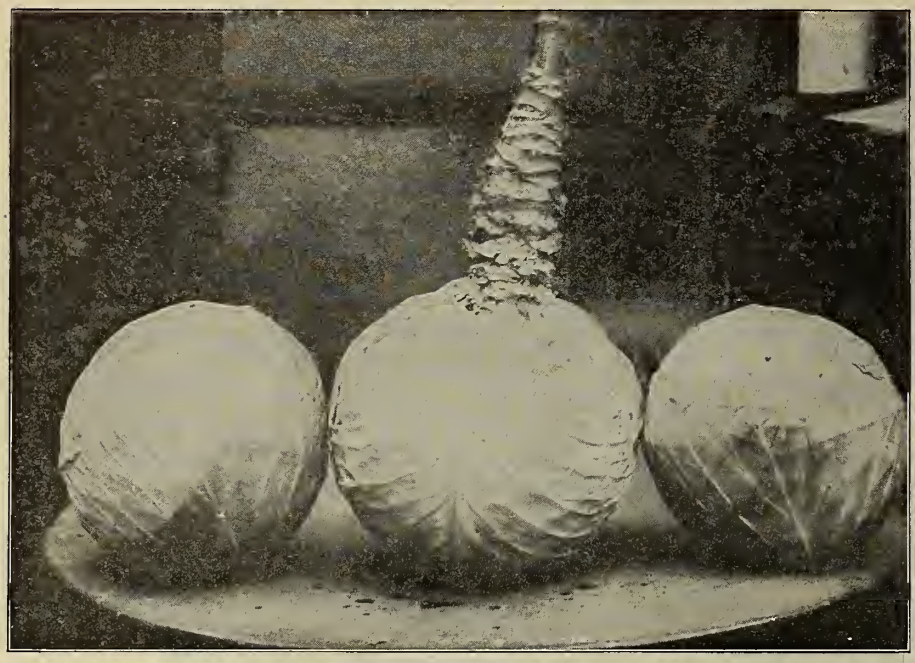
Volga. One of the earliest main crop cabbages of superior quality. Very desirable where a large, uniformly round head with short stem and compact growth is wanted. Matures very early for a variety furnishing such large heads of excellent shape. Very hardy, good keeper.

Early Drumhead. A second early, sure heading cabbage of good quality. Plant of compact growth. Head large, thick, flattened on the top, solid, crisp and tender.

Copenhagen Market

A new early variety, popular with market gardeners. It is one of the finest early round-headed cabbage in cultivation. It is desirable on account of the remarkable characteristic of maturing the heads all at the same time, enabling the grower to gather his crop with less expense and permitting the cleaning of the land at the first cutting. The heads average about ten pounds each in weight, are hard and solid with small core. The quality is extra fine and sweet. It is a short stemmed variety, the heads nearly resting on the ground. The leaves are light green, rather small, saucer-shaped and tightly folded, making it possible to set them close together in the field.

LEONARD'S HOLLAND CABBAGE



LEONARD'S STRAIN OF HOLLAND

The Heaviest Cabbage for the Size of Head Ever Found

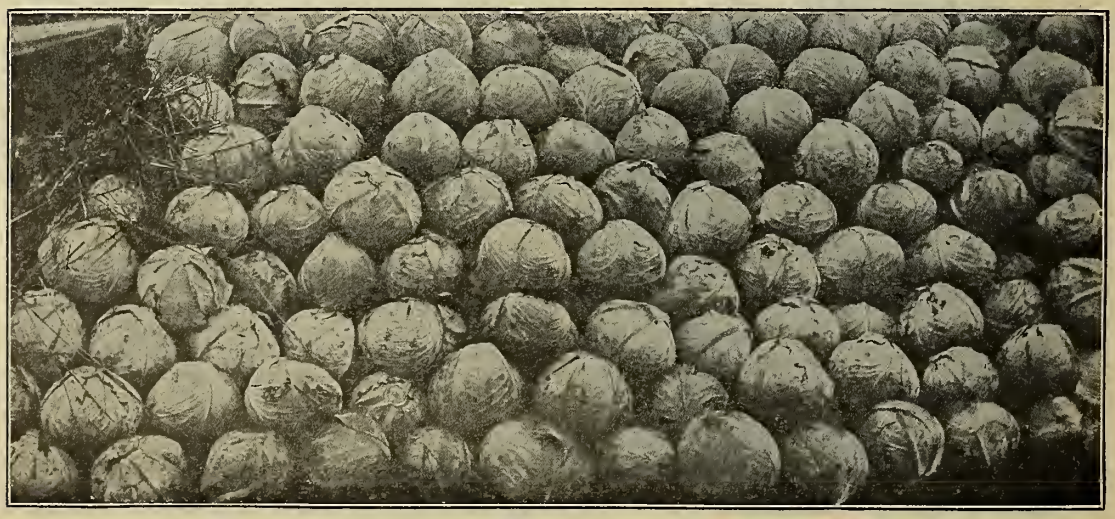
The Holland Cabbage, Leonard's Strain. The Heaviest Cabbage for the size of head ever introduced.

This cabbage in many localities is the most popular for winter and early spring marketing. It is heavy and remains solid longer than any other long keeping cabbage. For winter shipping it is unsurpassed. The main question for the grower to solve is where to get the genuine seed, for the popularity and paying qualities of the cabbage itself, when it is right, are points long ago decided.

Seed of the true Holland Cabbage is not plentiful; it is produced on a limited area at one or two points only. Seed grown anywhere else deteriorates, fails to show up the proper characteristics and is but a very unsatisfactory substitute. Since 1896 we have succeeded in securing the seed crops of a grower of this cabbage which for uniformity have met the requirements of the large cabbage growers of Chicago, Racine and other Holland cabbage shipping points, and which have made for us a reputation for handling the best strain of this important article. We introduced the seed as **Leonard's Strain** and our sales are only limited by the quantity of seed our grower can produce. We do not hesitate to say that Leonard's strain of Holland cabbage is the purest to be had.

HOLLAND CABBAGE, SHORT STEM STRAIN

This strain of Holland Cabbage differs from the original Leonard Strain in the height of the stem only. In all other respects it is the same. It has been bred up to meet the requirements of the grower who works heavy, rich land. The long stem of the original strain in extra heavy soil has been thought to be something of a fault and the growers have been calling for a stock that would retain all the good points of the original with the additional advantage of dwarfer habit.



A PILE OF LEONARD'S HOLLAND CABBAGE

CABBAGE

LEONARD'S WINTER (EAST PRAIRIE SPECIAL)

LEONARD'S WINTER

East Prairie Special

This new cabbage originated in that part of the **Niles Center** trucking region known as the **East Prairie,** which is one of the best cabbage growing sections of Chicago.

It is a direct cross of the **Leonard Luxemberg** and the **Leonard Strain of Holland** and combines the good points of both. It has the shorter stem and more lasting color of the Luxemberg with the rounder head of the Holland. The combination gives a cabbage that is superior to either. Three years ago we obtained from one of our best growers enough selected heads to give us stock seed, and from this stock we raised, during the past year, a good crop of seed.

Danish Ballhead Cabbage. For a winter cabbage for early spring sales some of our local gardeners consider this variety excellent. It has been selected and perfected for more than fifty years by the Danish gardeners, who prize it so highly that they grow it almost exclusively for winter cabbage, and annually export large quantities of it. It is hard heading, and long keeping cabbage. Heads round as a ball, solid, fine grained, has few outer leaves, tender, crisp and of unexcelled flavor.

Leonard's Luxemberg. This cabbage will retain its fine green color until late in the spring, and is often sold for new cabbage after being covered all winter.

Leonard's Improved Bridgeport Drumhead. This is a standard winter variety on the Chicago markets, and is used largely for shipping south.

Sure Head. A fine variety for main crop. A good shipper and sure header.

Stonemason Drumhead. A late large heading variety; but not as fine grained as others.

Marblehead Mammoth. A large late variety of fairly good quality.

Large Late Drumhead. A late variety of large size.

Premium Flat Dutch. This variety of late cabbage is a standard in all sections for winter use. Our selected stock is unsurpassed.

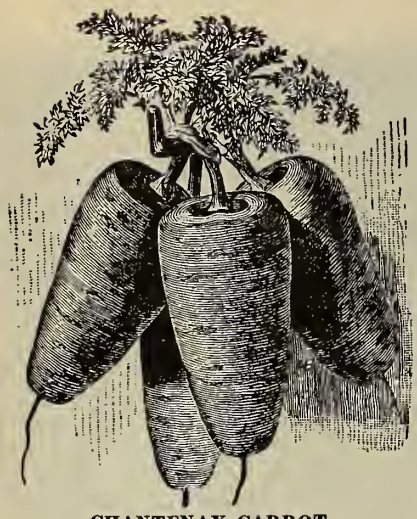
Improved American Savoy. The best of all the Savoys for general market or home use.

Mammoth Rock Red. The largest heading of any red sort. Heads are hard, of deep-red color, quality excellent.

Red Drumhead. The standard pickling variety. A good keeper.

DANISH BALLHEAD

CARROTS



CHANTENAY CARROT

Early French Forcing. The earliest variety in cultivation and the best suited for forcing. Tops small, finely divided. The reddish-orange colored roots are nearly round. When fully matured they are about 2 inches in diameter, but should be used before they are full grown and while young and tender.

Half Long Nantes. Tops of medium size; roots cylindrical, smooth, bright orange; flesh orange, becoming yellow in center, but with no distinct core. Of the finest quality and one of the most symmetrical and handsome of the medium sized sorts; excellent for the market or home garden.

Early Short Horn. Excellent for early planting out of doors. Tops small, coarsely divided; roots top-shaped, but tapering abruptly to a small tap; skin orange-red.

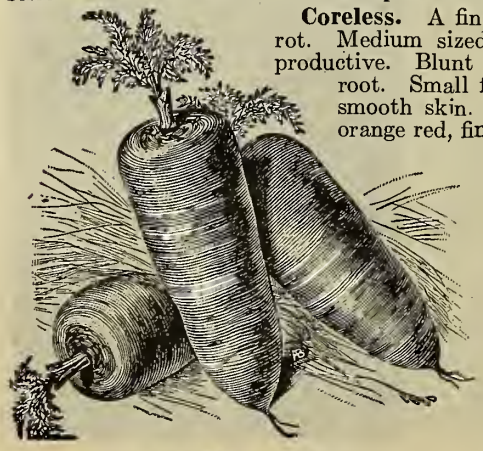
Guerande, or Ox Heart. Tops small for the size of the roots which are comparatively short but often reach a diameter of 5 inches, terminating abruptly in a small tap root. Flesh bright orange, fine grained and sweet. This variety is especially desirable for soil so hard and stiff that longer rooted sorts would not thrive in it. When young excellent for table use, and when mature equally good for stock.

Chantenay. Tops medium sized; necks small; roots tapering slightly but uniformly stump rooted and smooth; color deep orange-red; flesh very crisp and tender. Although this is a medium early sort, it furnishes roots of usable size as early as any, is a heavy cropper and is undoubtedly one of the best for both the market and private garden, while its great productiveness makes it very desirable as a field sort.

Danvers. Grown largely on account of its great productiveness and adaptability to all classes of soil. Tops of medium size, coarsely divided. The smooth and handsome roots are deep orange, of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, tender and of a deep orange color. Although the roots of this variety are short, they produce as large a bulk as the longer field sorts and are more easily harvested.

James Intermediate. A variety intermediate between the Danvers and Long Orange. It tapers to a point not so blunt as the Danvers and is more symmetrical and not so long as the Long Orange.

Long Orange. The most popular of the older sorts for farm use on mellow soil. An improvement obtained by years of careful selection of the best formed and deepest colored roots.



DANVERS CARROT

Coreless. A fine half-long early carrot. Medium sized, even shaped and productive. Blunt base and small tap root. Small fine tops and a nice smooth skin. The flesh is a rich orange red, finely grained and very free from the woody yellow heart or core usually found in most red fleshed carrots.

CORELESS CARROT

St. Valery. A good late variety. It grows long, shape uniform, tapering from a wide shoulder to a point.

White Belgian. Grows one-third out of the ground. Root white, green above ground, with small top. Flesh rather coarse. The roots are of large size and the variety is extensively grown for stock feeding.

Improved Short White. We think this distinct variety is destined to take first rank as a field carrot, owing to its enormous productiveness and the ease with which it can be harvested.

CAULIFLOWER

CAULIFLOWER—LEONARD'S SNOWBALL

LEONARD'S SNOWBALL

The leading Cauliflower at Chicago and unquestionably the purest strain of "Snowball" Cauliflower seed to be had. Heads uniform; of desirable market size and of snowy whiteness.

After many years' competitive tests it is pronounced by expert cauliflower growers to be the best for both **early** and **late** planting. Successful frame growers of cauliflower say that under glass culture our Snowball outclasses any strain of cauliflower seed known to them. There are many expert cauliflower growers at Chicago, none better anywhere that we are aware of. Other strains of snowball seed are well known to them and this strain of ours is their favorite for **early,** for **late** and for **forcing.** Strong recommendations surely.

Danish Dry Weather. We take pleasure in introducing this Cauliflower to our customers. It is from one of the best growers in Denmark and we recommend it highly to market gardeners for trial. It is claimed to be a splendid strain for a dry season and equally good in all weathers. From the reports we have regarding this stock from gardeners who have tried it we consider it a valuable addition to the list and a worthy companion to **Our Famous Snowball.**

DANISH DRY WEATHER CAULIFLOWER

Leonard's Earliest Erfurt. A variety that has given excellent satisfaction to our home gardeners. It is snow white and a sure header. Gardeners will be amply repaid by giving this variety a fair trial.

Extra Early Paris. This is a good early sort, and in a good season does well. Not as sure a header as the higher priced varieties.

Autumn Giant. A late sort of fairly good quality. Will do well under favorable conditions.

CELERY

GOLDEN SELF BLANCHING

Golden Self Blanching. The best of all early self-blanching varieties. First introduced in America in 1884, this is decidedly better in quality than the White Plume. It is ready for use nearly as early, blanches as easily, and is larger in size as well as finer in quality. It is of dwarf compact habit, with thick, solid, heavily ribbed stalks which blanch easily to a clear waxen yellow.

White Plume. This is the earliest and most easily blanched, but does not keep well taken from the trenches. The plants grow rapidly and blanch easily during the summer months. Later in the fall the central stalks and leaves are of pure snowy whiteness even without earthing up.

Crawford's Half Dwarf. When blanched is of rather yellowish-white color, and is quite solid and well flavored.

Evans' Triumph. One of the best of late sorts. This variety has a very strong and vigorous plant with large, very white, crisp, brittle, tender and fine flavored stalks. It is late and requires the whole season to develop, but will keep well for a very long time.

Boston Market. For many years one of the most popular sorts in the markets of Boston. Instead of a single large heart it forms a number of smaller ones, which are very white, and remarkably tender and crisp. The best variety for light soils.

Winter Queen Celery. This is, without doubt, the most valuable variety of celery for winter and spring use ever introduced, even excelling the celebrated Perfection Heartwell as a late winter keeper. It is also much stouter, thicker and heavier, with double the amount of heart of any known celery.

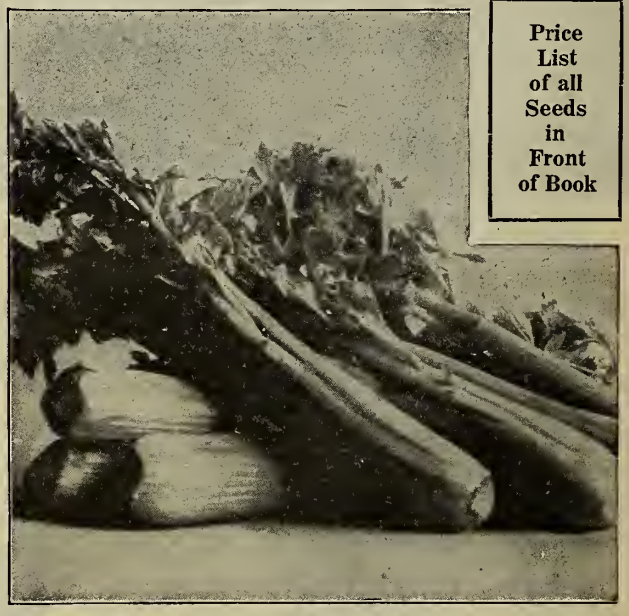
Giant Pascal. This is a green leaved variety developed from the Golden Yellow Self Blanching, and is an excellent sort for fall and winter use. It blanches to a beautiful yellowish-white color, is very solid and crisp and of a fine nutty flavor.

Perfection Heartwell. A fine flavored, crisp and tender variety. The plants are a little taller than Crawford's Half Dwarf and a little later in maturing. The stalks are of medium size, round, very solid, crisp, tender, white and of exceedingly fine and nutty flavor. This has long been a standard variety and is yet one of the favorite sorts.

Dwarf Golden Heart. A variety of sturdy, dwarf habit. It is solid, an excellent keeper, and of fine, nutty flavor.

Dwarf White Kalamazoo. Dwarf, white; stiff close habit; solid, crisp.

Price List of all Seeds in Front of Book



WINTER QUEEN

CELERIAC, LARGE SMOOTH PRAGUE

Giant Golden Heart. This variety attains a large size, but still remains crisp and tender. It is a fine keeper and is a favorite on the Chicago market.

Soup or Cutting Celery. This variety is adapted to sowing thick in rows and cutting when three or four inches high, to use for soup flavoring.

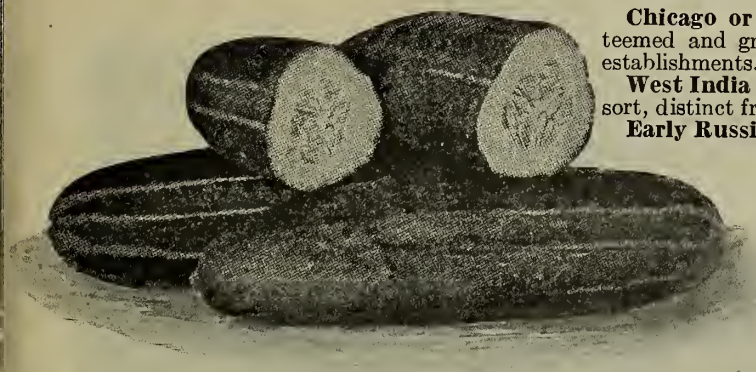
GERMAN CELERY OR CELERIAC

Large Smooth Prague. Has a large smooth root, and is the finest of all celeriac.

Apple Shaped. Not as smooth as the above, but of good form.

Turnip Rooted. This is the ordinary and well-known variety.

CUCUMBER



EVERGREEN WHITE SPINE CUCUMBER

Chicago or Westerfield Pickling. A variety esteemed and grown extensively for the large pickling establishments.

West India Gherkin. A very small, oval, prickly sort, distinct from all others.

Early Russian. Solid, with few seeds.

Improved Long Green. Fruit long and slim, not surpassed in quality by any variety.

Japanese Climbing. While all cucumbers are running vines, yet this variety is much more creeping or climbing in its habit.

Early Cluster. Vines vigorous, producing the bulk of the crop near the root and in clusters.

Evergreen White Spine. An improved strain of the well known White Spine, and a favorite with market gardeners, both for forcing and outdoor culture.

Green Prolific or Boston Pickling. A favorite with pickle growers and commercial gardeners, and good for table use.

Nichol's Medium Green. A valuable and handsome variety, in shape between White Spine and Long Green.

Early Frame or Short Green. An excellent sort for table use and for pickling. Fruit straight, handsome, smaller at each end, bright green; flesh tender and crisp and makes fine pickles.

Jersey Pickle. Sixty days to make pickles. It is productive, and is said to "green" better than any other variety, and to "hold color."

LEONARD'S GREENHOUSE CUCUMBER

Thorburn's Everbearing. Small size, very early and enormously productive, and valuable as a green pickle. It continues to flower and produce fruit until killed by frost.

Leonard's Greenhouse. This is a stock of cucumber upon which we have spent much time. The seed we offer is of our own growing and the selection is from the finest types only. The value of it to market gardeners and greenhouse men who desire a uniform, deep green, extra long cucumber, will be appreciated as soon as tried.

DAVIS PERFECT CUCUMBER

Davis Perfect. In color, a dark glossy green; shape slim and symmetrical, with an average length of 10 to 12 inches.

Early White Spine. One of the best sorts for table use. Vines vigorous, fruiting early and abundantly.

Arlington. A selection from the White Spine, being more pointed at each end.

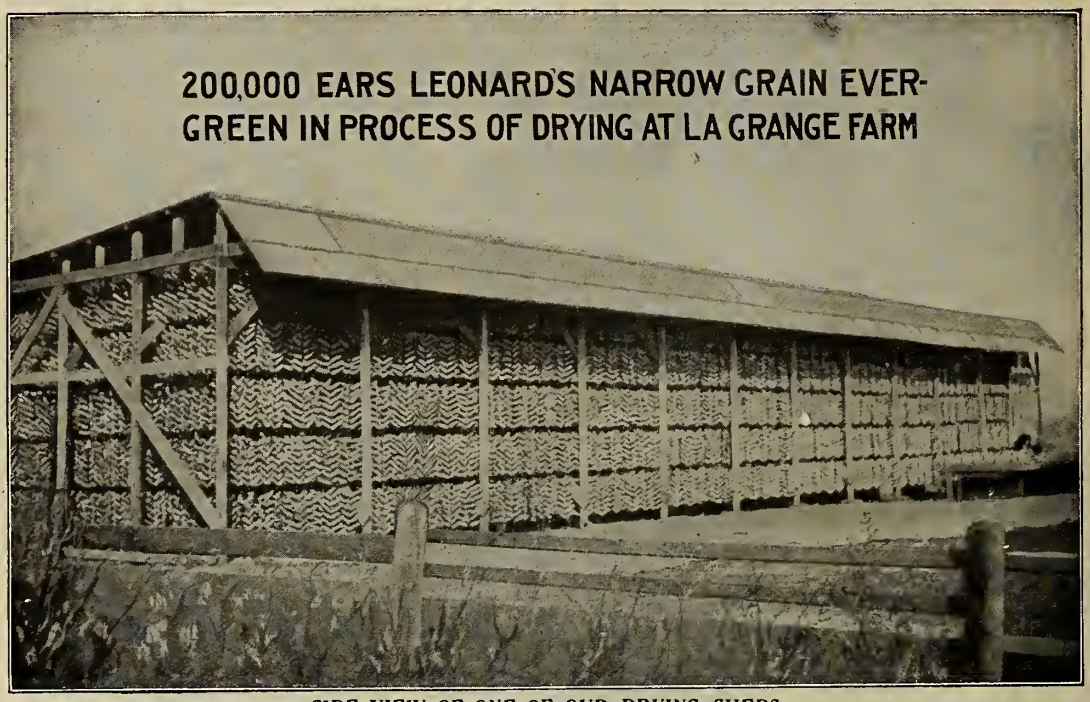
Giant Pera. An exceedingly large growing sort, of excellent quality.

Cool and Crisp. A strain of White Spine somewhat like the Arlington, but larger and less symmetrical.

The Emerald. It is strictly an evergreen.

Fordhook Famous. Of the true White Spine type. vines produce an enormous crop, being of unusually vigorous growth.

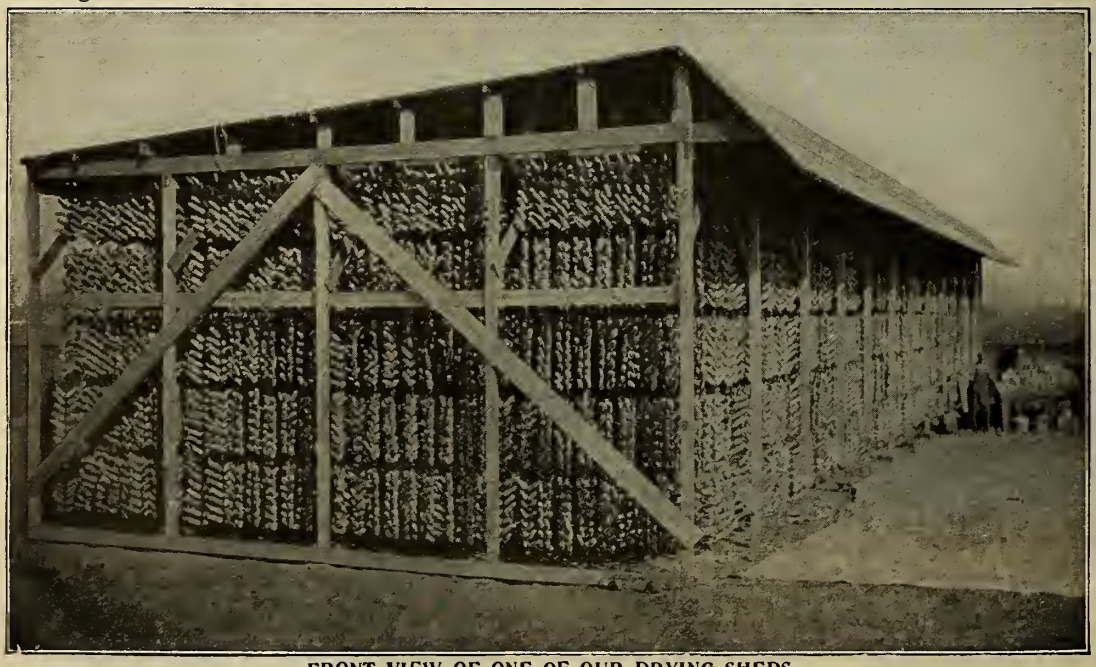
SWEET CORN



SIDE VIEW OF ONE OF OUR DRYING SHEDS

LEONARD'S NARROW GRAIN EVERGREEN

This New Type of Sweet Corn is a stock worked up by S. F. Leonard after several years of experimenting. In it we feel that we have something vastly superior to the old wide grain Evergreen. The ear is as large as the Stowell's Evergreen and averages more rows to the ear. The cob is small in comparison to the size of the ear, and the kernels are very long, narrow and remarkably free from starch. The rows are uniformly straight and the ear holds its evenness from butt to tip more uniformly than any other type of Evergreen.



FRONT VIEW OF ONE OF OUR DRYING SHEDS

SWEET CORN

LEONARD'S NARROW GRAIN EVERGREEN (Continued)

Top Row—KERNELS OF LEONARD'S NARROW GRAIN EVERGREEN—*Natural Size*

Bottom Row—KERNELS OF STOWELL'S EVERGREEN—*Natural Size*

As will be seen in the comparative view, the kernels of this **Narrow Grain Evergreen Corn** are much longer and narrower than the kernels of **Stowell's Evergreen.** The natural size of the kernels of each are shown in the picture, and a section of the ears of both kinds are shown in the view given below. The comparison is the best method we can think of to show the difference between the two stocks. The ears shown are the average run. The **Stowell's Evergreen** has 14 rows and the **Narrow Grain Evergreen** has 24 rows.

STOWELL'S EVERGREEN
Natural Size

LEONARD'S NARROW GRAIN EVERGREEN
Natural Size

It is our opinion that this corn will be ideal for canners' purposes in place of Country Gentleman, as it will pack over a longer period than the Country Gentleman, make better quality and will be more easily contracted with the farmer growing for the factory on account of the size of stalk which equals Stowell's Evergreen in height. Mr. Leonard started selecting and working on this corn some years ago, having in mind the type he wanted to attain. Each succeeding crop has been selected and worked upon with this end in view. In this way the desired type was established and we feel justified in offering **Leonard's Narrow Grain Evergreen** as the most desirable sugar corn to be had. It will suit the purposes of the canner, the trucker or the amateur. The demand for seed of **Leonard's Narrow Grain Evergreen** has been so large that our supply of the 1914 crop, although fairly plentiful, is likely to be used up quickly, so get your orders in early.

SWEET CORN

WHITE COB CORY

White Cob Cory. This is an improvement over the Early Cory, as the cob is white, which gives it a finer appearance. It is as early as the Early Cory and of excellent quality.

Mammoth White Cory. The ears are twelve rowed, much larger than the old Cory, white cobbed, and covered with very large white grains of good quality.

Early Cory Red Cob. This variety is the favorite for first early, and no other variety has proved earlier.

Chicago Market or Ballard. This is the largest and best early corn in existence, twelve rowed, white cobbed and of exceedingly fine quality.

Premo. It is a "sixty-day" sweet corn. It not only combines all the merits of the leading early varieties, but it is also really superior to them all in size, quality and yield.

Extra Early Adams. This is an extra early field variety, but it is much used as an early market variety, being sweet and juicy.

Early Minnesota. One of the standard early sorts. Ready for market two weeks later than Cory or Chicago Market.

Perry's Hybrid. An early variety of splendid quality. Kernels tinged with pink when ripe, with white cob.

New Champion. This corn is unsurpassed for market use, owing to its large size and fine appearance. It is medium early, coming in at the same time as Perry's Hybrid. It is fourteen rowed and a splendid cropper.

Moore's Early Concord. A well known variety of large size, twelve rowed and of excellent quality. This makes a fine market corn.

Kendall's Early Giant. A valuable new early sweet corn. The ears grow to a tremendous size, measuring eight to ten inches long, and having ten to eighteen rows on each cob, the majority having twelve rows; kernels pure white, sweet, tender.

Crosby's Early. An early corn of large size and choice quality. It has long been a standard variety.

Peep o'Day Sweet Corn. This new variety is claimed to be the Earliest Sweet Corn. It is of Minnesota origin and has been offered in the Minneapolis market from five to seven days earlier than any other well-known kind in the trade. Ears five inches long.

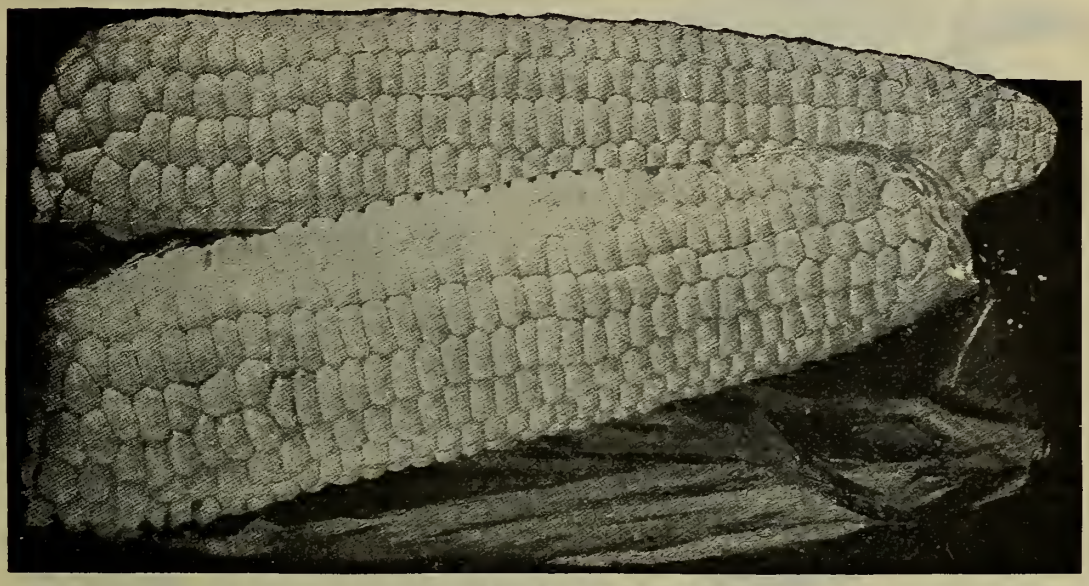
Early Iowa Sweet Corn. This is a very early Sweet Corn, almost as early as Malakoff and of much larger size. The stalks grow three feet high and usually bear two or more ears. Early Iowa is a week ahead of the Early Cory and bears ears nearly as large.

Malakoff Sweet Corn. The earliest real Sweet Corn in existence; habits simple like Peep o'Day, with much better quality. The plant is very dwarf and usually produces three ears to every stalk; ears are short, three and one-half to four inches; eight rowed.

Golden Bantam Sweet Corn. A very early sweet corn with golden yellow grain, very tender and of excellent quality. The ears are six to seven inches long and of the medium size found most suitable for the table. The flavor is exceptionally rich and delicious. Our stock has been very carefully selected. Height about four feet.

Morse's Golden Cream. Is a very early, yellow Country Gentleman Sweet Corn. The kernels are long and pointed, the cob is very slender and the whole ear about as long as Golden Bantam. The flavor is remarkable—in fact very much the same as Golden Bantam. The habit of growth is rather dwarf and the stalks bear two to four ears. The stalks are brownish red and the silk is also brown at the tips.

SWEET CORN



STOWELL'S EVERGREEN

Stowell's Evergreen. This standard main crop variety excels all other late sorts in sweetness and productiveness. It is more popular than any other for canning, for marketing and for the home garden. Great care has to be exercised in the selection of stock to grow seed from, as this variety has a tendency to deterioration and a shorter grain, which makes it less sugary and desirable.

Old Colony. This variety is two weeks earlier than the Evergreen, and almost as large. It is considered the best and sweetest by canning factories. A fine paying variety for market.

Country Gentleman. We have a stock of this excellent sweet corn that is exceptionally good. There is no sweet corn that compares with the Country Gentleman for sweetness. It is the variety par excellence where quality is desired. Market gardeners who make a specialty of growing for hotels and high class restaurant trade use this as a main crop variety in preference to any other. For home use it will be found superior and it is very productive. The fact that it is a favorite variety with canners proves its merit.

Egyptian or Washington Market. A standard variety, in season between Evergreen and Mammoth Sugar. Very sweet and well adapted for canning.

Mammoth Sugar. A large late variety having ears of mammoth size, 14 to 20 rows. Quality excellent, not exceeded by any variety. A good canners' variety, being white grained and very uniform. A week later than Stowell's Evergreen.

Black Mexican. This corn, when in condition for the table, cooks remarkably white; but the ripe grain is black or bluish-black. It is surpassed by none in tenderness. For family use it is considered by many the most desirable of the medium late sorts. It does especially well for second early in the South.

Zig-zag Evergreen. This fine new strain possesses the distinct characteristics which have made Stowell's Evergreen so deservedly the favorite for main crop, but produces ears fit to use from one week to ten days earlier.

White Evergreen. This is a high-bred white type Stowell's Evergreen. It has been developed by careful work, only the finest white-eared product being saved and selected each season. The stalks are of strong, vigorous growth, six to seven feet high.

White Mexican Sweet Corn. White Mexican is a heavy yielding, early maturing Sweet Corn. It ranks in a class with White Cob Cory and is a better yielder. Height 4 feet; ear about six and one-half inches long. Quality good.

Early Mammoth. Closely resembles the Late Mammoth, but is a little smaller, and about two weeks earlier. Of good size and quality.

Leonard's Narrow Grain Evergreen. See pages 4, 48, 49.

Hickox Hybrid. Earlier than Stowell's Evergreen, and makes a large, attractive ear of white and handsome grain. It is one of the best varieties for canners' use. By planting it at the same time as Stowell's Evergreen the season will be lengthened considerably, as the Hickox will be about through by the time Stowell's Evergreen comes in. Very prolific; ordinarily every stalk will have two large, fully developed ears. The best sort for drying.

Early Evergreen. The ears of this new corn grow 8 inches long, are mostly 14 to 18 rows. This is a magnificent kind for market gardeners and for main crop in every home garden. It ripens 10 to 12 days in advance of Stowell's Evergreen and is equally as good for all purposes. The kernels are very sweet and tender, and when eaten from the cob break off free from husky tips so common to some otherwise fine table corns.

Metropolitan. A new early sort. The ears are about 9 inches in length, 10 to 12 rowed, well filled to the tip with large, deep kernels, which are very sweet and tender. It is an excellent variety for market gardeners.

CARDOON

CHERVIL

A hardy annual worthy of more general use for flavoring and garnishing. The curled variety is even more beautiful than parsley.

Culture. Sow in early spring in rich, well prepared soil, and when plants are well established transplant to about one foot apart.

Curled. Greatly superior to the old plain variety, being earlier, more handsome, and having fully as fine perfume and flavor.

CARDOON

(Cardo)

Smooth Solid Cardoon. Grown from the mid ribs of the leaves which are blanched and used in the same manner as celery. The main root is also used and when cooked in a proper way, is excellent. Thorough blanching is necessary in order to bring out the delicacy of flavor possessed by the Cardoon.

CHICORY

(French Endive)

Witloof Chicory. The principal merit of this variety consists in the width of its leaves and the large size of their ribs. When blanched, it forms the vegetable which the Belgians call **Witloof.** When properly grown and blanched it resembles a head of Cos Lettuce.

WITLOOF

Large-rooted, or Coffee. Our stock is the improved type, with very much larger, smoother, whiter and proportionately shorter roots than the old kind. The dried and prepared roots are used quite extensively as a substitute or adulterant for coffee.

COLLARDS

A variety of cabbage known in different sections as "Cole," "Colewort," or simply "Greens." It is extensively used in the south, where it continues in luxuriant growth all winter.

CORN SALAD

Georgia, Southern or Creole. We offer the true white or green stemmed sort so extensively used in the south, where it furnishes an abundance of food for man and beast. Freezing does not injure, but rather improves their quality.

CORN SALAD

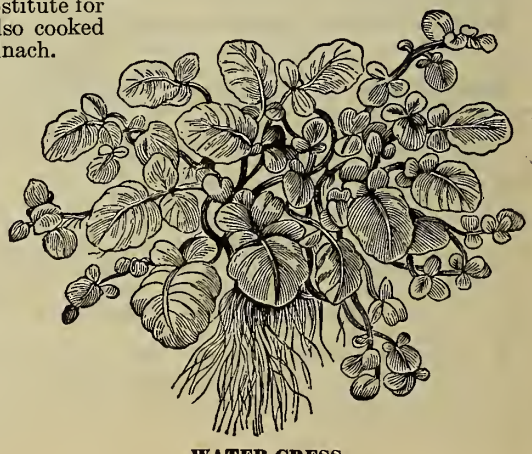
Fetticus, or Lamb's Lettuce. This small salad is used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach.

CRESS

Curled or Pepper Grass. This small salad is much used with lettuce, to the flavor of which its warm, pungent taste, makes a most agreeable addition.

True Water. This is quite distinct from the last, and only thrives when its roots and stems are submerged in water.

PRICES OF ALL SEEDS WILL BE FOUND LISTED IN ALPHABETICAL ORDER IN FRONT OF CATALOGUE



WATER CRESS

DANDELION

Cultivated or French Common. This is considered the best by many and is not at all the same as our wild dandelion, being greatly improved by careful selection.

Improved Thick Leaved. One of the earliest and best greens in cultivation.

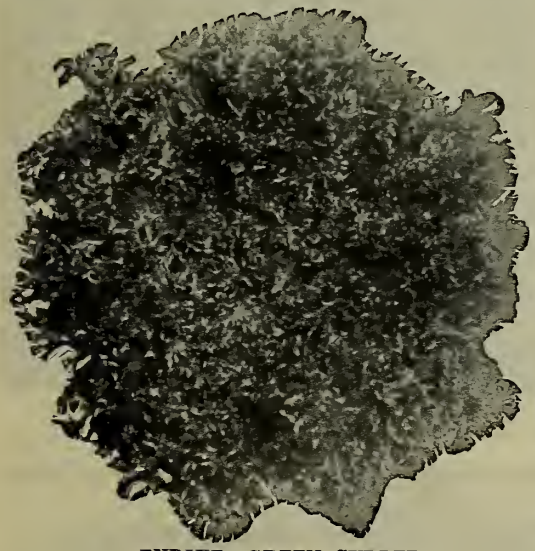
LEONARD'S IMPROVED NEW YORK PURPLE EGG PLANT

EGG PLANT

Leonard's Improved New York Purple (Spineless.) Very large and smooth, fine dark color. Ours is the spineless plant, most preferred by our market gardeners, both east and west. We have made the most careful selection possible of our stock plants, and know it to be unsurpassed for the market.

Black Pekin. A fine variety, bearing large, round deep purple fruits, fine grained, and of superior quality.

Early Long Purple. Early, hardy and productive; excellent for the table.



ENDIVE—GREEN CURLED

ENDIVE

Green Curled. Beautifully curled, tender and crisp.

Moss Curled. More finely curled, and a heavier and more dense plant than Green Curled.

White Curled. Very tender when cut young; blanches readily.

Broad-Leaved Batavian. (Escarrole.) This variety is chiefly used in soups and stews; requires to be tied up in blanching.

FLORENCE FENNEL

An excellent legume with agreeable aromatic flavor, somewhat resembling celery, but with sweet taste and a more delicate odor. Very distinct from Common Fennel.

HORSE RADISH

Horse radish produces no seed, but is grown from pieces of the roots.

GARLIC

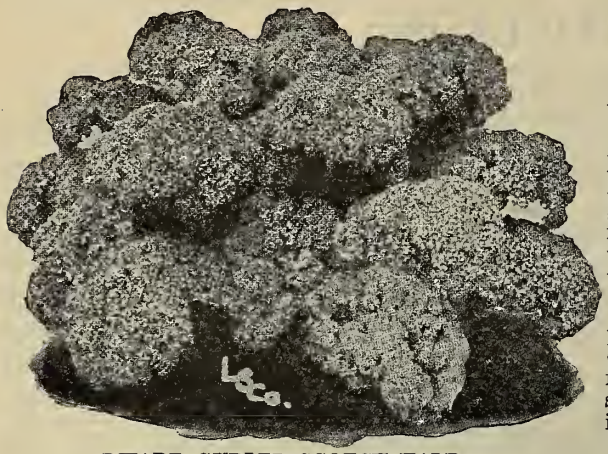
A bulbous rooted plant, with a strong, penetrating odor, but much esteemed by some for flavoring soups, stews, etc. We frequently receive orders for garlic seed, but we can only supply bulbs.

HERBS

SWEET, MEDICINAL

Annis	**Hyssop**
Balm	**Lavender**
Basil	**Sweet Marjoram**
Borage	**Rosemary**
Caraway	**Rue**
Coriander	**Sage—Broad Leaf**
Dill	**Saffron**
Fennel	**Savory, Summer**
Horehound	**Thyme**

FLORENCE FENNEL



DWARF CURLED SCOTCH KALE

KALE or BORECOLE

One ounce of seed will sow a drill of about two hundred feet.

Tall Green Curled Scotch. This is very hardy and is not injured by a moderate frost. About 30 inches tall, with an abundance of dark green leaves which are densely curled and cut, forming a very beautiful plant. It stands the winters in the Middle States without any protection.

Dwarf Curled Scotch. Plant low and compact, but with large, bright, deep green leaves, curled, cut and crimped until the whole plant resembles a bunch of moss. One of the best sorts for use, and when well grown and cooked is one of the most palatable of vegetables.

Siberian. Sometimes called Sprouts and German Greens. In this variety the very large, green leaves are comparatively plain in the center but coarsely cut and frilled on the edge. The plant is low but spreading and very hardy.

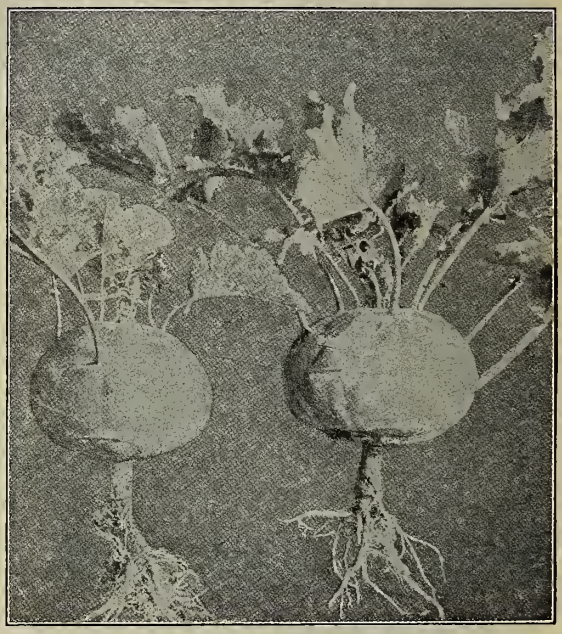
German Dwarf Purple. Similar to the Dwarf Curled Scotch, but of a rich purple color.

KOHL-RABI

Kohl-Rabi, Ger. Chou Rave, Fr. Col de Nabo o Nabicol, Sp.

One ounce of seed will sow a drill of about one hundred and fifty feet.

Earliest Erfurt. A white, tender variety, with a smooth root and very short top; the best variety for outdoor culture.



EARLY WHITE VIENNA KOHL-RABI

Early White Vienna. The finest for market. Flesh white and tender.

Early Purple Vienna. Bluish purple; similar to the above, except in color.

Large Green. Hardy, quite late, and used for feeding stock. Bulbs large, weighing 8 to 10 pounds, whitish green in color; leaves large and numerous.

LEEK MUSSELBURG

LEEK

London Flag. This is the variety generally cultivated in this country. It is hardy and of good quality.

Large American Flag. A variety which has become very popular with some market gardeners on account of its being larger than the London Flag.

Large Rouen. Stem very large but comparatively short; the leaf is very broad, covered with whitish bloom. Stands a long time in condition for use.

Musselburg. The largest variety, often 3 inches in diameter and becoming very white and tender. A hardy and desirable sort.

LETTUCE

BLACK SEEDED SIMPSON

Defiance. Of a light green color, with the outer edge of the leaf slightly curled. Makes a large head.

Hubbard Market. A large heading variety good for either forcing or sowing in open ground.

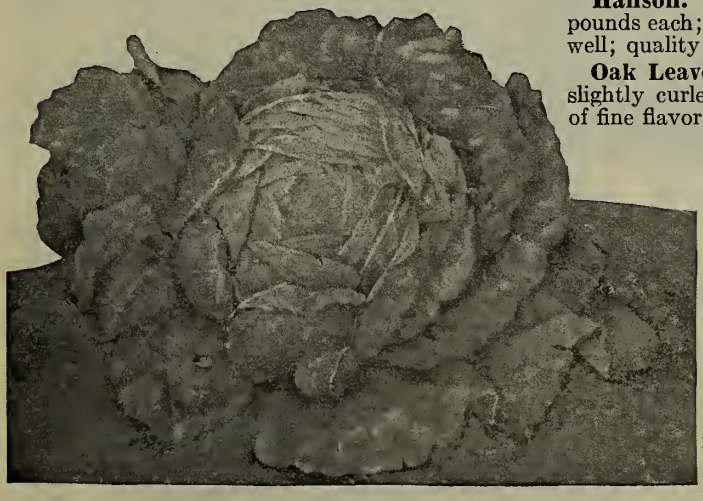
St. Louis Head. The most popular and satisfactory head lettuce. It forms a fine head, is tender and crisp, and is very slow to run to seed.

Silver Ball. A good hard heading variety, and withstands the summer heat well.

Mammoth Black Seeded Butter. Resembles the old Black Seeded Butter very closely, but is much larger, forming an enormous head, every part of which is tender, crisp and sweet. It is a good sort for all seasons.

Iceberg. A beautiful lettuce. Large, curly leaves of bright, light green, with a very slight reddish tinge at the edges.

Salamander. This will stand the summer heat better than any other variety.



MAY KING

Black Seeded Simpson. We have a fine strain of this lettuce carefully selected. This is the most popular loose-leaved sort.

Early Curled Simpson White Seed. Forms a close, compact mass of curly yellowish green leaves. Earlier than the head varieties.

Grand Rapids Forcing. Preferred by a great many to the Black Seeded Simpson, on account of being a tougher leaved lettuce.

Early Curled Silesia. A very early tender sort, with fine curled leaves.

Boston Curled. Curled leaves of good quality, a popular variety among eastern growers.

The Morse. A careful selection from the Black Seeded Simpson. Seed white.

Tilton's White Star. A good early lettuce.

Boston Market. Also called White Seeded Tennis Ball. The best of the head varieties for forcing.

All the Year. A good sort for early or late planting, and withstands the summer heat well.

Brown Dutch. This variety is a good variety. Makes a round head tinged with red.

The Deacon. A magnificent butter head lettuce.

Prize Head. A good header. Solid and large.

California Cream Butter. A grand, good butter lettuce.

Buttercup. A head lettuce of fine quality. Inside of head is waxy, crisp and delicious.

New York. Is of unusual size and solidity of head.

Chartier. It makes a very large, firm head, almost as hard as a cabbage, is very tender and crisp.

Big Boston. This variety is identical in color, shape and general appearance with the famous Boston Market lettuce, but is double the size.

Hanson. Heads very large, from two to three pounds each; hearts quickly and stands the summer well; quality excellent.

Oak Leaved. Leaves light green, oak shaped, slightly curled, set close, having no coarse stems; of fine flavor and extreme tenderness.

All Seasons. One of the best all head lettuces.

Denver Market. This is a fine crisp, crimpled head variety.

Paris White Cos. The Cos lettuce differs entirely in shape from the other varieties, the head being elongated and of conical form.

May King. Plant this lettuce for the first early head lettuce. It is equally good for outdoor planting or forcing. The outer leaves have a slightly brownish tinge, while the heart is a beautiful yellow, very crisp and tender.

MUSK MELONS—Green Fleshed

Jenny Lind. Vines rather small but vigorous and productive. Fruits small, somewhat flattened, deeply ribbed and well netted. Flesh green and exceedingly sweet.

Skillman's Netted. An excellent early melon with fine, tender flesh.

Netted Gem. The best early melon known. Shipped to every market of note, in great quantities, every year. Medium size, but of excellent flavor.

Chicago Market. This we consider the best Nutmeg for earliness of maturity, large and uniform size, thickly netted skin, small seed cavity, deep green flesh, juicy delicious flavor and freedom from rot. A favorite with all who prefer a green flesh sort.

Montreal Market. The very largest of all nutmeg sorts. The fruits are round, flattened at the ends and have very broad ribs. Flesh is green, fine quality.

EARLY HACKENSACK

Baltimore, or Acme. The fruits are medium sized, oval or long oval, slightly pointed at stem end, slightly ribbed, and are covered when ripe with coarse netting. The flesh is thick, green, well flavored and sweet. This variety is a very productive, sure cropper of good quality.

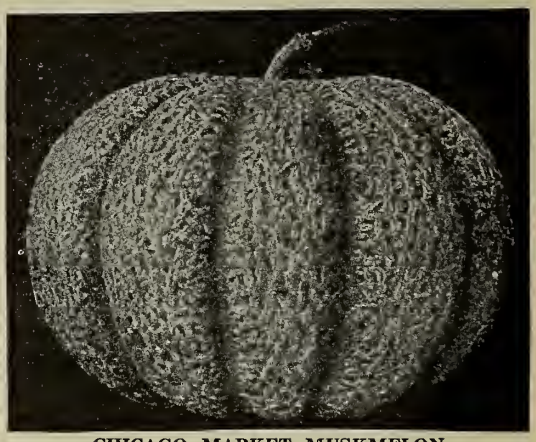
Garden Lemon. An excellent fruit for preserving. Is shaped as shown in cut. Has a decided acid flavor.

Vine Peach. Very similar to Garden Lemon, and used for preserving.

Ornamental Pomegranate. A very interesting and handsome fruited vegetable. Fruit similar to Vine Peach in size, color mottled and having a rich perfume.

Rocky Ford. This has become one of the most popular of small or crate melons and is shipped in large quantities from Colorado and Arizona. The vines are vigorous and productive. The fruits are oval, slightly ribbed, densely covered with fine netting. Flesh green, very sweet and highly flavored.

Extra Early Citron. A small, round melon, valuable on account of its extreme earliness, hardiness and great productiveness.



CHICAGO MARKET MUSKMELON

Early Hackensack. The fruits are nearly two weeks earlier than Hackensack, medium to large sized, nearly round or somewhat flattened, evenly and deeply ribbed and with very coarse netting. The skin is green, slightly tinged with yellow as the fruits mature. The flesh is green, a little coarse but juicy and sweet.

Hackensack, or Turk's Cap. A very large, green fleshed melon. The vines are hardy, vigorous and productive. The fruits are nearly round, usually somewhat flattened; ribs large and of irregular width, densely covered with coarse netting.

Champion Market. The fruits are large, round or slightly oval, slightly ribbed and covered with dense netting. The flesh is green, very thick and sweet.

Bay View. Fruits are of largest size, long, distinctly ribbed and covered with coarse netting. The skin is green, becoming slightly yellow as fruits ripen. The flesh is green, thick and of fine flavor.

MUSK MELONS—Yellow Fleshed

BURRELL GEM

Burrell Gem. The originator says: "The new **Rocky Ford** Melon with **Golden Meat.**" This describes the melon fully, as in the outside appearance it looks just as the best types of green fleshed Gems, or Rocky Fords do, but has orange flesh inside.

Admiral Togo. This is an orange fleshed netted Gem or Rocky Ford.

The Princess. This melon is one of the best for the home garden. In shape it is nearly round, with heavy netted dark green skin. The flesh is salmon color, thick, sweet and luscious.

The Osage. Is of medium size, oval in form, dark green in color, somewhat netted and slightly ribbed. The flesh is extremely and uniformly thick, of firm texture, rich salmon in color; highly flavored and delicious to the rind. Cavity very small. It is a remarkable keeper and a good shipping melon.

Emerald Gem. A very early, yellow fleshed melon of small to medium size. One of the very best for the home garden. Vines vigorous and productive. Fruits globular or slightly flattened, somewhat irregularly ribbed and very slightly netted.

Surprise. Vines hardy and productive; fruit medium to large size, oval, distinctly ribbed, covered with slight patches of netting; skin light yellow when mature. Flesh deep salmon color and of excellent quality.

Petoskey, or Paul Rose. A yellow fleshed sort of suitable size for a crate melon and of excellent quality. Vines vigorous and productive. Fruits oval, slightly ribbed and densely netted.

Defender. This is one of the best yellow fleshed sorts and in some respects is far superior to any of this class. The fruit is medium sized, oval in shape, slightly ribbed, covered with gray netting. The flesh is firm, fine grained, rich, deep yellow, darker than that of the Osage and of higher flavor.

HOODOO MELON

Hoodoo. A new orange fleshed variety, ideal as a shipping melon and of the very finest quality. Vine vigorous, remarkably blight resisting and very productive. Fruits uniformly of medium size. Netting exceptionally fine and dense, extending practically over the entire surface.

Ordway. Under the name of Ordway a golden meated Rocky Ford has been shipped into the Chicago market by the Colorado melon growers. It does not differ materially from the Burrell Gem.

TIP TOP MUSK MELON

TIP TOP MUSK MELON

The illustration shows a specimen of our strain of this popular melon. This very productive melon is of medium to large size, nearly round, slightly ribbed and fairly well covered with shallow netting. The flesh is deep yellow in color. The universal testimony of every one using Tip Top is that every fruit produced, whether big or little, early or late in the season, is a good one—sweet, juicy, finest flavor, firm, but not hard-fleshed, eatable to the very coating.

WATER MELON

GYPSY, OR GEORGIA RATTLESNAKE

Gypsy, or Georgia Rattlesnake. One of the largest varieties, and stands shipment long distances. Fruit cylindrical, square at the ends, smooth, distinctly striped and mottled light and dark green.

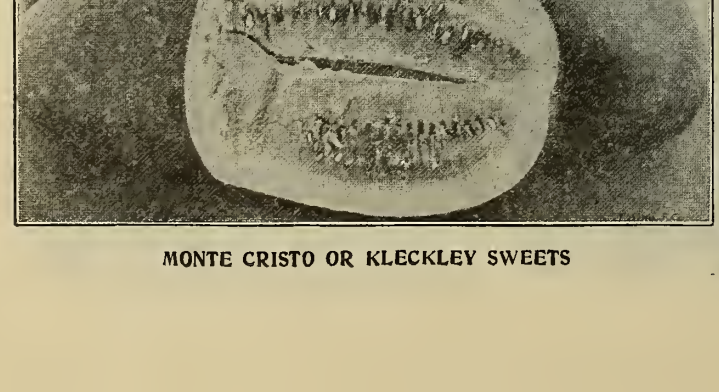
Cole's Early. Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of a dark red color, possessing all the desirable features. Medium size, nearly round; rind green, striped with lighter shades.

Vick's Early. This variety is prized for its earliness. It is oblong in shape, smooth with a very dark skin, rather small in size; flesh bright pink, solid and sweet.

Harris Earliest Water Melon. The best of the extra early sorts. Fruit slightly oval with irregular mottled stripes of light and dark green. Flesh bright red, sweet and tender. A desirable variety for the north or where the season is short. It is hardy, productive and the largest of the early maturing kinds.

Phinney's Early. Few, if any, of the early sorts of recent introduction surpass this old favorite. It is first to ripen, of good size and productive.

Seminole. An exceedingly productive variety, large size. Fruit oblong in shape; flesh solid, ripening clear up to the rind.



MONTE CRISTO OR KLECKLEY SWEETS

Dixie. A popular market sort. Vine vigorous, large growing and hardy; fruit medium sized to large, about one-third longer than thick. Color of skin dark green, striped with a lighter shade.

Peerless. The old but extremely popular home market melon. There is none better, nor a more handsome melon grown.

Mountain Sweet. A large oval variety.

Pride of Georgia. Round, large, crisp; bright red flesh.

Jumbo. Immense in size. The common weight of this melon is 60 to 80 pounds. In shape it is nearly round; color solid dark green.

Mammoth Ironclad. This variety like the preceding, grows to an immense size. It is a remarkable strong grower, very productive and an excellent keeper. The skin is beautifully striped with light green.

Black Diamond. A cross between Kolb's Gem and Hoosier King.

WATER MELON

KOLB'S GEM WATER MELON

Kolb's Gem. Vines of medium size, but remarkably vigorous and healthy. Leaves of medium size, deeply cut with a peculiar frilled edge. Fruit of the largest size, round or slightly oval, marked with irregular mottled stripes of dark and light green. Outer rind or shell exceedingly hard and firm, making it a good sort for shipping long distances. Flesh bright red, solid, a little coarse, but sweet and tender.

Cuban Queen. Fruit medium size to large, globular or oval; skin striped light and dark green in sharp contrast.

Halbert Honey. Equal to the Kleckley Sweet, of 20 inches oblong form, almost equally round at each end. Rind dark green. A most profitable seller in local markets, but not a good shipper.

Bradford. Shape long, color dark, with darker wavy bands, flesh melting and of excellent flavor.

Sweet Heart. This melon is early, large, handsome, heavy and productive. The shape is oval, and color mottled light to very light green.

Black Spanish. Large, roundish, nearly black; dark red flesh; early.

Florida Favorite. A very large, long melon, mottled dark green, with stripes of lighter shade.

McIver's Wonderful Sugar. Without a single exception this is the sweetest water melon of all.

Monte Cristo or **Kleckley Sweets.** A splendid sort. Vine vigorous and productive; fruit of medium size; oval; color dark, mottled green in two shades, forming indistinct stripes.

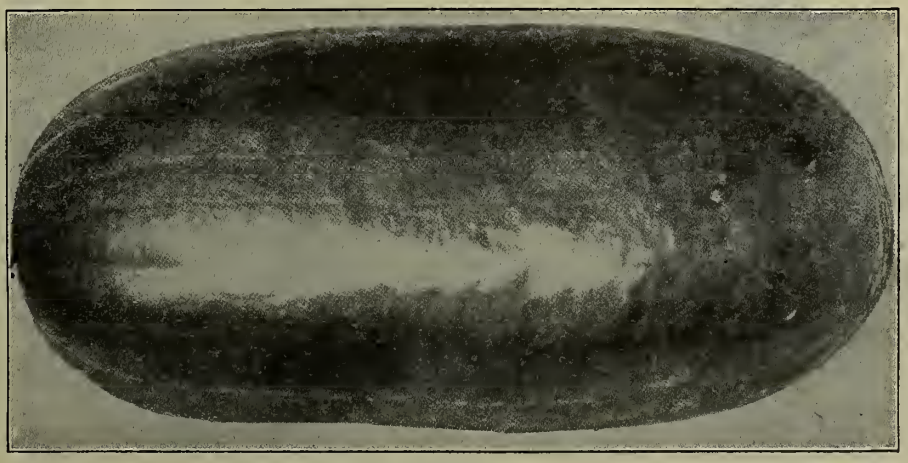
Eden. This melon by shippers is thought to be better than Kolb's Gem. Bluish cast melon and elongated.

Success Water Melon. A southern variety which has become very popular with shippers. The fruit is uniformly large, nearly round, dark green, sometimes indistinctly striped with a lighter shade and has a thin and firm rind which makes it an excellent shipper; flesh bright red and of good quality.

Iceberg Water Melon. One of the most popular market and shipping varieties. Grown very extensively in the South for Northern markets.

Triumph Water Melon. It is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance and dark green color of the former and the shipping qualities of the Gem; medium season, very prolific, deliciously sweet and of enormous size.

Tom Watson Water Melon. Originated near Augusta, Ga., a few years ago; very prolific — six carloads on ten acres often made; shape long; color dark, deep green no stripes; large—often times 50 to 60 pounds; two melons to the vine; no ends, no necks to rot; better shipper than Rattlesnake; tougher rind; flesh deep red; seeds white, smeared with yellow.



TOM WATSON WATER MELON

MUSHROOM SPAWN

There is no more mistaken idea than that mushroom growing is difficult. They will do well almost anywhere if a fairly uniform temperature can be maintained.

One pound of Spawn is sufficient for a bed 2x6 feet.

We receive fresh Spawn several times a year from the best makers.

English Mill Track Spawn.

French Mushroom Spawn: Put up in boxes of 2 pounds each.

American, Pure Culture, Spawn: Produced by the new grafting process, from selected and most prolific varieties, has **never failed to run.**

MUSTARD

Giant Southern Curled. The favorite in the South.

Fordhook Fancy, or Ostrich Plume. Same as above.

Chinese or Large Leaved Mustard. The large leaves which often measure 14 inches, are ready for use in about six weeks after sowing. Plants will continue to yield until frosty weather. Leaves are eaten boiled, like spinach.

Bloomsdale, Large Leaved. Same as the Chinese Mustard described above.

White. Best for general use.

Brown. Stronger than above.

OKRA

NASTURTIUM

Tall Mixed Garden. Grown not only for ornament but the beautiful orange colored flowers and foliage are used for garnishing and the young leaves or shoots are excellent for salads. The green seed pods are greatly esteemed by many for use in mixed pickles.

Dwarf Mixed Garden. Same as above except that it grows in dwarf form.

OKRA, OR GUMBO

Okra. The young seed pods of this southern plant are used for the well known and delicious "Gumbo" soups, alone or with chicken.

White Velvet. Produces pods larger than any other.

Dwarf Green. Grows low but stocky and is very productive.

Long Green. Taller than above, pods similar.

Perkins Mammoth Long Pod. The pods are produced in great abundance and average longer than other sorts.

LEONARD'S ONION SETS

RED WHITE YELLOW

Leonard's Onion Sets are the Chicago Standard. **We are the pioneers** in set growing here. The Chicago onion set has that fine bright color which is so much desired, and being grown from the same kind of seed that produces our best large onion it produces a bulb far superior to the Southern or Southeastern product. We claim a superiority for our onion sets which comes from superior knowledge in planting, harvesting, storing and shipping as a result of long continued experience and large operations.

We are now and for many years have been the Leading Onion Set Growers.

Red Onion Sets. These sets are grown from the Red Wethersfield variety and will produce marketable onions several weeks earlier than seeds. For green onions they are also very desirable.

White Onion Sets. We have sets grown from the White Globe seed or from the White Portugal seed and can furnish either kind. White sets produce the finest early green onions, and no garden should be without them.

Yellow Onion Sets. The yellow sets are grown from seed of Strasburg, Yellow Danvers, Yellow Globe Danvers and Southport Yellow Globe, either of which we can furnish. Yellow is the standard color for onions in many of the largest markets.

Prizetaker Sets. These sets are grown from seed of the Prizetaker onion. The most successful growers of Prizetaker say that this onion cannot be grown to its fullest perfection unless seedlings are transplanted or the onions grown from sets.

Yellow Potato Onions. The old original English multipliers, the genuine potato onion.

Shallots or Multipliers. These are very popular at the South. They are grown largely for flavoring. The clumps are divided and they multiply very abundantly.

Winter Tops (Perennial Tree Onions). These are very hardy; they need no protection during the Winter, and will continue for many years to yield an abundant supply of green onions without replanting.

White Multiplier Onions. Owing to the white color this is considered an improvement on the yellow multiplier onion, which it resembles in habit of growth.

Genuine Top Onions. This is the old-fashioned top onion. The small clumps when separated are planted and each small bulb produces a large, solid, marketable onion of the finest keeping qualities. This onion, when planted, produces again on the top of a stalk which shoots up from it the small clumps, just as ordinary onions throw up a ball of seed.

HARVESTING ONION SETS

LEONARD'S GLOBE ONIONS

Leonard's Three Globes

Leonard's Three Globes. Leonard's Three Globes bring more money to the onion grower and sell quicker than any other varieties. Our Yellow Globe is the Standard Yellow, our Red Globe is the Standard Red and our White Globe is the Standard White.

Onion—Leonard's Yellow Globe

Leonard's Yellow Globe

This Onion is our prize yellow market variety. It is the most uniform as to size, the most productive, the best keeping and the handsomest yellow-skinned Globe variety we have ever known. It has taken years of patient effort to bring it to its present perfection, and to keep up the standard of excellence requires extreme care in the selection of bulbs to set out for seeding when the time for that event occurs each year. This onion has the call on the Chicago market, and our home sales for seed of it are very large. Last season our supply became exhausted long before the planting season was over. This year our supply is larger than it was last season, and we are prepared to meet in a measure the increasing demand for this splendid onion.

Good growers of onions seldom allow a difference in price to keep them from buying good seed if they feel sure that it is good. To such we would say: The seed here offered is worthy of investigation if a good thing is wanted.

LEONARD'S GLOBE ONIONS

Onion—Leonard's Red Globe

Leonard's Red Globe

The deep dark red color of our Red Globe is one of its superior points, while in shape and size it is a counterpart of our Popular Yellow Globe.

In the Michigan, Indiana and Ohio onion sections, as well as in Illinois and Iowa this strain of Red Globe produces the prize-winning red onions.

Where competition is keen it will pay large returns for the additional cost of the seed.

Superior stocks are necessary to the prosperity of the market planter. The inferior article may be more attractive at the beginning, because it costs less, but the superior seed gives the more valuable product. You cannot afford to do without the best.

The Onion Seed Specialties here offered are worth many times their cost to any market grower, and the satisfaction they will give to the consumer will increase the profits of the gardener who grows them.

Leonard's White Globe

White skinned onions when successfully grown are by all means the handsomest and will usually bring more money per bushel than either of the other colors. It is harder to grow them to perfection than red or yellow, but many large growers score big returns from a crop of whites. This strain of White Globe is uniform in size and shape with our Yellow and Red Globe.

Our position as MARKET GARDENERS' SEEDMEN is well and favorably known both at home and throughout the country. Our pre-eminent standing in this line of the Seed Business has been long established. The Market Gardener, when he plants LEONARD'S SEEDS may therefore feel reasonably sure that he is planting the best seed obtainable.

During the past twenty-six years in addition to the vast quantity we sell, we have each year planted and handled the product of thousands of pounds of onion seed. We plant the same kinds of seed that we sell, and sell the same kinds that we plant. We are growers of onions, as well as sellers of the seed. We would not sell any seed that we would not be satisfied to plant ourselves. We know what onions should be and we know the value of good seed.

Onion—Leonard's White Globe

ONION SEED

Large Red Wethersfield. We have a very fine and select strain of this sort. Color is deep purplish red, flesh white moderately grained and very firm. Yields an enormous amount per acre, and is one of the best winter keeping onions.

Extra Early Flat Red. This variety matures from ten days to two weeks earlier than the Red Wethersfield. The color is a deep rich red, fine grain and close.

Australian Brown Onion. Is of medium size, wonderfully hard and solid and most attractive for market, both as to form and appearance. The color of the skin is a clear amber brown.

Southport Yellow Globe. A large perfectly shaped Globe onion and an excellent onion for keeping throughout the winter. A very heavy cropper, handsome in appearance and a good dark yellow color.

Yellow Globe Danvers. This fine onion is of large size. An early and abundant cropper. Bulbs very thick, flat or slightly convex bottoms, full oval top with small neck and rich brownish yellow skin.

Michigan Yellow Globe. The bulbs are large and uniformly spherical with very small necks and the largest diameter below the center of the bulbs of a rich orange color.

Ohio Yellow Globe. An early Globe onion, small neck and very uniform in size and color. Very popular in the marsh onion sections of Ohio and Indiana.

Southport Red Globe. This is a fine keeper. Large size and considered one of the best red onions. Flesh is fine grained, very mild and tender.

White Portugal. American Silver Skin. This is the best sort to sow—for onion sets or for pickling. When sown thickly for either it makes a small, round, hard bulb.

Philadelphia Silver Skin. Very desirable for family use. Flavor mild and pleasant.

Extra Early Pearl. A very fine, Italian variety that grows quickly to a good marketable size. Very popular, particularly in the south. The bulbs are round, flattened, with a delicate pure white skin.

New White Queen is a fine early silver skinned variety, of beautiful form and rapid growth, and possessing fine keeping qualities.

Neapolitan Marzajola. A large, beautiful, silvery white skinned variety, of handsome flat shape, of very fine flavor and quality.

Early Flat Yellow Danvers. A good variety, but not as round or quite as early as the Yellow Globe Danvers.

Yellow Strasburg, or Dutch. One of the oldest varieties. Bulbs quite flat, of good size, skin yellow, flesh white, of mild flavor and keeps well. This is the variety used very extensively for growing yellow onion sets.

Leonard's Yellow Cracker. The earliest, handsomest, and best flat onion in the list. Besides being early it is one of the best keepers.

Southport White Globe. This grows to a very large size and is a perfectly globe-shaped onion. Color is a clear pure white. This variety is used by the Chicago market gardeners for bunching.

Spanish King. One of the handsomest onions grown. Specimens weighing nearly four pounds are often harvested.

Silver King. This is a grand onion. It is a mammoth grower, of beautiful pearly white color, almost transparent in appearance. To match Spanish King at fairs and exhibitions it is just what is needed.

Copper King. This variety is the largest red onion grown. It is fine and mild in taste. With the two varieties above mentioned a combination is formed which wins prizes at all fairs for all colors.

Giant Yellow Rocca. Of all the magnificent Italian onions now in cultivation none are more popular than the Giant Rocca.

Giant Red Rocca. This magnificent variety is of beautiful globe shape, skin red, flesh white, of mild, pleasant flavor.

Prizetaker. Grows to an immense size and for fall marketing is unexcelled. Although of such great size, it is very hardy and a fair Winter keeper, as it ripens up hard and firm; very fine grained, and of mild, delicate flavor. The outside skin is rich yellow while the flesh is white. To get the best results from this onion the seed is sown in beds and transplanted. It will, however, make a good crop if sown in the ordinary way.

White Barletta

White Barletta. When matured the tops die down, leaving beautiful and perfect little bulbs. The color is pure white, flavor mild and delicate, perfectly adapted for pickling and table use.

White Victoria. A beautiful, large round variety with silver white skin, but sometimes of a delicate light rose color; flesh juicy, sweet, and milky white. A good keeper.

Bermuda Red. A very early pale red onion, grown extensively in the Bermudas and southern part of the United States for early shipping to northern markets.

Bermuda White. Mild flavored; yellowish in color; otherwise same as red.

Crystal White Wax. This variety is popular at the south where the transplanting method of culture is practiced. A large, beautiful, silvery white skinned variety, of handsome flat shape, of very fine flavor and quality.

PEAS

SMOOTH SEED, 60 LB. TO BU.

Notice. Wherever the number of days from planting to first picking for table use is given, the time is taken from our trial ground records made during the season of 1909 in Wisconsin. Weather conditions, variations in soil and cultivation, as well as difference in latitude, will make either a longer or shorter period of growth.

LEONARD SEED COMPANY

Alaska. Well known and extensively used, especially by canners. Very early and when carefully grown, uniform in ripening. Vine is strong and vigorous, 2 to 2½ feet high, of a peculiar light green color; pods 2¼ to 2¾ inches long, straight and blunt at the end, and light in color. Is ready for picking 49 to 50 days from planting. Seed round, blue, slightly pitted.

Ameer. Resembling the Alaska in appearance, 3 to 3½ feet in height. Pale green foliage. Pods 2 inches in length, pointed, dark green in color. Seed blue, dented, medium pitted.

Bountiful. Resembling the Alaska in general habit of growth. Vine 36 inches, foliage gray green; pods 3½ inches in length, pointed, gray green in color. Fit for table use 55 to 57 days from planting. Seed blue, medium pitted.

ALASKA PEAS

Blue Imperial. The height is 3 feet, foliage is medium green in color, vines bearing pods large in size, blunt and medium green in color. They are fit for use about 60 to 65 days from planting. The seed is blue, round, smooth and large size.

Blue Beauty. The height is 1½ feet. The vines are medium green in color. The pods are small, round and blunt at the end. They are pale green in color and are fit to pick about 52 to 55 days from planting. The seed is blue, smooth and small in size.

Black Eyed Marrowfat. Strong and vigorous vines bearing pods near the top of the vine. Peas of a poor quality. Height 50 to 60 inches, light color foliage, pods 3 inches long, blunt, light green. Ready to pick 69 days from planting. Seed large, smooth, white with a black eye.

Claudit. In general habit and height of vine resembling Alaska, ripening almost at the same time, but with much longer, broader pods. Pods 3 inches in length, straight, handsomely shaped, and well filled at the point. Seed round, light green, dented, height 2½ feet.

D'Anonay Amelior. Height about 12 inches, vines exceedingly uniform in growth, bushy and compact. Pods borne at top of vine in great profusion. Foliage light green in color, pods 2½ to 2¾ inches in length, round, blunt, pale green in color, maturing with the first earlies. Seed yellow mixed with pale green, meduim sized and round.

Extra Early. Early, productive and hardy with a strong vigorous vine, which is light in color and uniform in growth, 2½ to 3 feet in height and bearing straight pods 2½ to 2¾ inches long, round, light in color and blunt at the ends. Is fit for table use 50 to 52 days from planting. Seed round, rather small, and white in color.

Early May Improved. This pea is one of the best of the "White" earlies and is superior to First and Best or Prolific Early Market. Vines are strong growing for this class of pea, about 30 inches in height, foliage pale green. Pods are pale colored, straight, round and blunt. Average 2¼ inches in length. Fit for use 56 days from planting. Seed small to medium sized, white and smooth.

Early Morn. An English variety of the Gradus type with many desirable qualities. Bearing large, handsome pods in profusion. The peas are large, closely packed in the pod, and the flavor is sweet and delicious. Those who know the good qualities of Gradus will not be disappointed in their trial of this variety. The seed should not be sown until the soil is in a fit state to receive it early in April, as it is a rapid grower. The pods are very large and well filled, and are often ready to pick during June. Height about 3 feet.

Essex Star. Vine 3½ feet in height. Medium green foliage, pods 3 inches in length, pointed, dark green in color. Fit for table use 50 to 55 days from planting. Seed medium size, dented, mixed green in color.

First and Best. Early, productive and hardy with a strong, vigorous vine, which is light in color and uniform in growth, 2½ to 3 feet in height and bearing straight pods 2½ to 2¾ inches long, round, light in color and blunt at the ends. Is fit for table use 50 to 52 days from planting. Seed round, rather small, and white in color.

Price List of all Varieties in Front Pages of Catalogue.

PEAS, Smooth Seed — Continued

French Canner. This is the small French Pea used for canning. Very prolific. Long, slim pods containing from 7 to 10 peas.

Fillbasket. Hardy, upright and prolific in growth. Dark green foliage, 3 feet in height, pods medium curved dark green in color. Seed blue green, medium sized very smooth. Fit for table use about 70 days from planting.

Giant Lightning, Carter's. Vines 4 feet in height, with pale green foliage. Pods large, blunt, pale green. Fit for table use 57 to 60 days from planting. Seed large, white and smooth.

Giant Express, Carter's. A large type of Alaska Pea, vines 4 feet in height, with pale green foliage bearing large, broad, blunt pods pale green in color. Is fit for table use 65 days from planting. Seed is large, smooth and blue.

Improved Sugar Marrow. Much better than the old White Marrowfat. Pods larger, well filled and of the true marrow flavor.

Long Island Mammoth. Very popular with market gardeners who want a large, handsome pod of a dark green color.

Melting Sugar. Large edible pod. Height, 42 to 48 inches. Pods, 4 to 4½ inches long and 1⅛ inches broad. Fit for table use 80 days from planting.

Mauritania. Vines 24 to 28 inches in height. Foliage light green, pods 2½ inches in length, blunt, light green in color. Matures in 46 days from planting to first picking. Seed small, white, smooth. This pea resembles First and Best in general habit, and is a vast improvement over First and Best.

Maud S. A very fine extra early sort, hardy, productive and of good flavor.

Pride of the Market. Of fine growth and general appearance, both vine and pod, and closely resembles the Stratagem except that the vine is not quite so long and the pods are deeper green in color. The vine is 20 inches high, foliage dark green color. Pods are 3½ inches long, broad and dark in color. Fit for table use 61 days from planting. Seed blue, slightly dented, large.

Prolific Early Market. Said to be an improvement over the First and Best. This pea is early, hardy and productive. Vines are strong and vigorous, pale green color. Height 2½ to 3⅓ feet. Pods are round, blunt, light green colored and average 2½ to 2¾ inches in length. Is fit for table use in 52 days from planting. Seed medium sized, yellow and smooth.

Primo. A good early broad podded pea of recent introduction. Vines grow to a height of 3 feet, are light green in color and strong growing. Pods are of good size, light green color and are slightly curved and pointed at end. Are fit for table use in 58 days from planting. Seed is large, white, smooth and flattened.

PILOT

Peter Pan. A new English variety of merit. It may be classed among the early sorts. Height of vine 16 to 20 inches, color medium dark green, bearing dark to medium dark pods which are round, curved and pointed. Pods average 3¼ to 3½ inches in length. Fit for table use in 60 days from planting. Seed large sized and yellowish white in color and smooth.

Pilot, The. A new pea of English origin very similar to Gradus as to earliness, color of vine and pod as well as quality. Vines grow to a height of 3 to 4 feet with foliage medium to dark green color. Pods are large, pointed at end and broad. Dark green in color. Is fit for table use 60 days from planting. Seed yellow and green mixed, medium sized and nearly smooth.

Saxonia. The originator of this new Pea describes it as follows: With rare unanimity has my new Pea, which I introduced last year, been accepted in all pea growing countries as denoting an important progress in the development of our first early round sorts.

It is a well known fact, that the one decided shortcoming of our first early round peas has always been their short yield as compared to that of later sorts. This blemish has been completely remedied by my new Pea "Saxonia," for it yields as abundantly as the favorite later sorts, and it cannot be surpassed in earliness by any pea.

The pods are of double the size of the Extra Early or First and Best, they appear mostly in pairs and are filled with large pure white peas. The plant has the convenient height of 2 feet.

Telegraph. Closely resembling Telephone in all respects, except that the pods are a deeper shade of green, and the peas are of only fair quality, although the pods are of very fine appearance. Pods 4 to 4½ inches long, medium dark green, pointed. Fit to pick 65 days from planting. Seed large, blue and round dented.

Velocity. Height 2 feet, medium pale green foliage. Of the same type as Alaska. Pods small straight, blunt, medium green in color, well filled with Peas of excellent flavor. Matures to first picking in 44 days from planting. Seed blue, small, pitted.

White Marrowfat. Vines hardy, strong, vigorous and bearing broad thick leathery pods near the top of the vine, and containing peas of a poor quality. Height 45 to 50 inches, foliage light green in color, pods 3 inches long, blunt and light green. Ready to pick 69 days from planting. Seed large, smooth, white.

Price List of all Varieties in Front Pages of Catalogue.

PEAS—Continued

WRINKLED SEED, 56 POUNDS TO BUSHEL

American Wonder. Vigorous, productive vines, with a luxuriant foliage, and producing the leaves on one side of the stalk, growing from 9 to 12 inches high. On account of its dwarf habit of growth it is very desirable for private garden use. Pods are light colored, straight, round, about 2½ inches long and blunt at the end. Fit for picking 55 days from planting. Seed is wrinkled, green, medium in size and square at the ends.

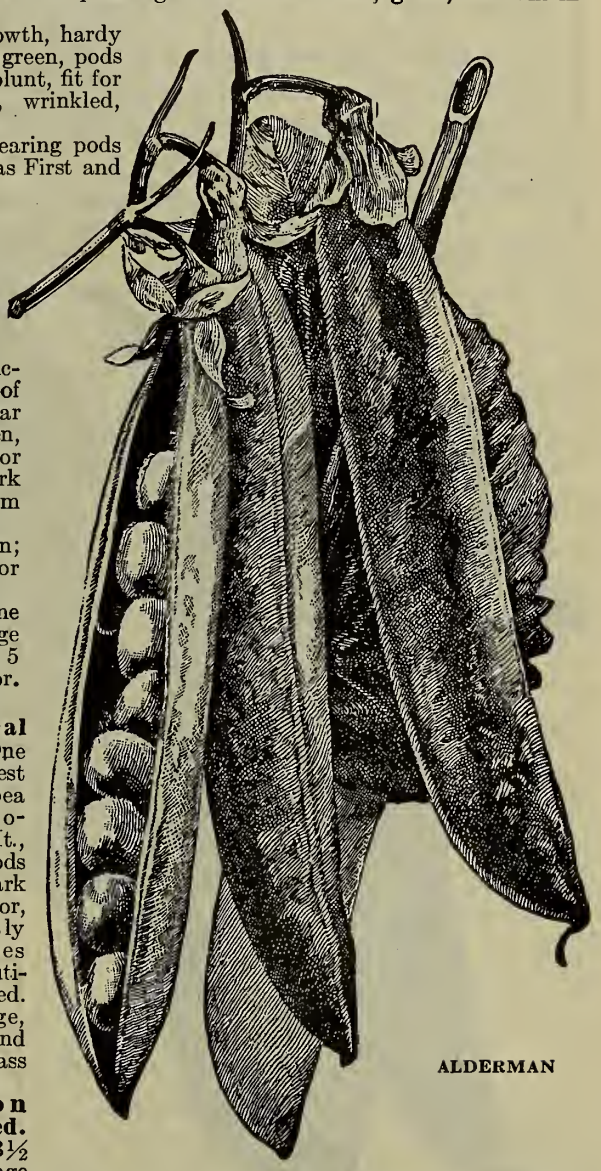
Advancer. Vines upright and vigorous in growth, hardy and productive. Height 30 inches, foliage dark green, pods 2½ to 2⅝ inches long, round, dark colored and blunt, fit for picking 61 days from planting. Seed green, wrinkled, medium in size. A very fine pea for canners' use.

Admiral. A long vine, medium season pea, bearing pods in profusion. About the same size and shape as First and Best, but of much better flavor. The small size and fine flavor of the pea, with its great hardiness, make it a most desirable sort for canners who wish a sweet wrinkled pea of small size. Vines 48 inches high, with medium green foliage. Pods 2½ inches long, medium light in color and blunt. Fit for picking 68 days from planting. Seed small, wrinkled, white.

Abundance. Vigorous in growth and productive, bearing pods in great abundance, although of medium size, and of excellent quality. Very similar in every respect to Horsford's Market Garden, except that it is about a week later, being fit for picking 71 days from planting. Pods are dark green, and blunt. Seed green, wrinkled, medium in size.

Autocrat. Height 3½ feet. Foliage dark green; pods large, blunt and dark green in color. Fit for table use 85 to 90 days from picking.

Alderman. A large podded pea of the Telephone type, very robust and vigorous as to vine. Foliage mixed, medium green. Height, 50 inches, pods 5 inches long, broad, pointed, medium green in color. Seed green, wrinkled, large.



ALDERMAN

LEONARD'S CLATAWA

Admiral Dewey. One of the largest podded pea yet introduced. Ht., 3½ ft.; pods a rich, dark green color, frequently six inches long, beautifully shaped. Peas large, tender and of first class flavor.

Boston Unrivaled. Height 3½ feet, foliage medium green in color. Pods large, pointed, pale green in color. Fit for table use 65 to 70 days from planting. Seed large, blue, green, wrinkled. Very similiar to Duke of Albany and Alderman in habit.

Buttercup. Vine 2 feet in height. Foliage, medium to light green. Pods 4 inches in length pointed light green in color. Fit for table use 61 days from planting. Seed blue wrinkled medium size.

Captain Cuttle. Height of vine 3½ feet, dark green foliage, large blunt pods, dark green in color. Fit for table use 80 days from planting.

Leonard's Clatawa. "Clatawa" is Chinook Indian for get up and get. It describes in a word the main characteristic of this wonderful new pea. The Clatawa is as early as American Wonder and bears pods like the Telephone, which certainly proves it to be a "get up and get" article.

PEAS, Wrinkled Seed—Continued

We are the largest growers of peas for seed purposes.

We appreciate more and more the importance of having our Pea stock true to type and we are improving the stock by continued selection using many acres of land each year.

Champion of England. Strong and vigorous in growth. 42 to 50 inches in height. Foliage medium green. Pods 2½ to 3 inches long, blunt, medium dark green in color. Ready to pick 68 to 73 days from planting. Seed large green very much wrinkled.

Chelsea Gem. Height of vine 1 foot with dark green foliage. Pods small curved, medium green in color. Fit for table use 60 days from planting. Seed small, white, wrinkled.

Duke of Albany. Resembling the Telephone in appearance. Vine and foliage medium green in color. Height 50 inches, pods 5 inches long, broad, pointed, dark green. Seed large, green, wrinkled.

Duke of York. A pea of the same class as the Telephone, but earlier and more dwarf. The peas are sweet and of fine flavor.

Duchess. Height of vine 4 feet. Medium green foliage, pods large, pointed, dark colored. Fit for table use 56 days from planting. Seed, dark blue, large, wrinkled.

Dwarf Gray Sugar. The old variety of the edible-podded sort, and is used in no other way. Grows about 2 feet high and is remarkable for its earliness. Pods are broad, flat and crooked and contain 5 to 6 peas. Seed is brown and wrinkled.

Carter's Danby Stratagem Improved. Vines 3½ feet in height, coarse dark green foliage. Pods are large, pointed, dark green in color, maturing in about 65 to 70 days to first picking. Seed large, blue green, wrinkled.

Dwarf Telephone. Vines 18 to 20 inches high, with rather coarse foliage, medium light green, bearing pods, broad, straight and about 4 inches long. Pale green in color and well filled with peas of excellent flavor. Ready for picking from 62 to 65 days from planting. Seed pale green, large, much wrinkled.

Dwarf Defiance, Sutton's. The vines, vigorous and hardy, about two feet in height, with coarse dark green foliage, bearing long, broad pointed pods, dark green in color. Fit for picking 61 days from planting. Seed large, green, wrinkled. This pea is much more uniform in growth than the Stratagem, which it very closely resembles, and has the advantage of remaining fixed in its type, and showing practically no sports or runners.

LEONARD'S POTLATCH

Leonard's Potlatch. Strong, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant dark foliage, bearing pods medium green in color 3½ to 4 inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. The Potlatch is a variety from which anyone may expect great things. Fit for table use 61 days from planting. Seed green, wrinkled, large in size. We consider ourselves very fortunate in having secured and introduced this pea.

TESTIMONIALS FOR LEONARD'S POTLATCH PEAS

The following report from Dr. W. H. Stennett, Auditor of Expenditures, Chicago & Northwestern Railway Co., and who is also a specialist in amateur gardening, is a comprehensive, concise and valuable testimonial: "POTLATCH.—Sown May 15, 20 inches high, foliage a very dark green, bloomed July 4, fit to eat July 22, pod and grain large, sweet and excellent. When cooked, they were the greenest pea I have ever seen; in fact, greener than any 'French' pea that all know are made green by chemicals." W. H. STENNETT.

WHAT OTHERS SAY

"Your Potlatch is the best pea I have ever had both for quality and productiveness."

"The finest Early Pea we ever planted."

"The quality of your Potlatch equals Champion of England."

"Your Potlatch is the most productive Early Pea we ever tried."

"In earliness and productiveness, combined with quality, your Potlatch leads all."

"I am glad that I took your advice, for the Potlatch Peas I bought from you gave me excellent satisfaction."

PEAS, Wrinkled Seed—Continued

HORSFORD'S MARKET GARDEN

Exonian. About 3 feet in height with pale green foliage, bearing small round blunt pods, medium green in color, about ten days later than Alaska. Seed green, wrinkled, small in size.

English Wonder. Vines vigorous in habit, 12 to 18 inches in height. Medium green in color. Pods 3 inches long, blunt dark green in color. Fit for table use 67 to 69 days from planting. Seed blue green wrinkled medium size.

English Wonder. Vines vigorous in habit, 12 to 18 inches in height. Medium green in color. Pods 3 inches long, slightly pointed, dark green in color. Fit for table use 67 to 69 days from planting. Seed blue green, wrinkled, medium size.

Everbearing. Vigorous and branching in habit of growth. Height, 2½ to 3 feet. Pods, 2¾ to 3 inches long. Broad, light colored and blunt. Fit to pick 70 days from planting. Seed green, wrinkled, large in size.

Forty Fold. One of the best of the tall late varieties for general use. Height 5 feet. An abundant cropper with peas of good flavor. Seed medium sized, wrinkled.

Gems, Premium. Strong and vigorous, producing vines from 18 to 24 inches in height, dark foliage, bearing pods singly on both sides of the stalk beginning near the ground. Pods are almost straight 2½ to 2¾ inches long, light in color and blunt at the ends. Ready to pick 59 to 61 days from planting. Seed is green wrinkled and medium in size.

Gems, McLean's Little. Strong and vigorous in growth, producing vines from 18 to 24 inches in height, dark foliage, bearing pods singly on both sides of the stalk beginning near the ground. Pods are almost straight, 2½ to 2¾ inches long, light in color and blunt at the ends. Ready to pick 59 to 61 days from planting. Seed is green, wrinkled, and medium in size.

Gradus. A large, wrinkled, early pea with a pod nearly as large as Telephone, filled with large peas, tender and of good quality and flavor. Very quick to germinate and mature with the early sorts. This pea will not stand adverse conditions, however, as well as some of the other sorts, and seed must be planted after all danger of early frost has passed. Height of vine 26 to 30 inches, with large luxuriant foliage pale green in color. Pods dark green, 4 to 4½ inches in length and pointed. Fit for table use 52 days from planting. Seed large, cream colored, wrinkled.

Green Gem. Height of vine 12 to 15 inches, with very dark green foliage. Pods 3½ inches in length, pointed very dark green in color. Ready for table use 54 days after planting. Seed dark green, wrinkled, medium sized.

Gladstone. Vine 3½ feet in height. Dark green foliage with large pods curved dark green in color. Fit for table use 80 days from planting. Seed blue green, wrinkled, large size.

Golden King. Vine 4½ feet in height, pale green foliage. Pods 4 to 4½ inches in length, straight, Golden yellow in color. Ready to pick for table use 77 days from planting. Seed large, green, wrinkled.

Horsford's Market Garden. Strongly resembling Premium Gem in habit of growth, but about one-third taller. Vines growing 26 to 30 inches high, foliage dark green, pods light colored, straight, about 2½ inches long and blunt. Fit for picking 68 days from planting. Seed green, wrinkled, medium in size. A very popular pea with the canners and market gardeners on account of its excellent quality

Heroine. Vines are strong and vigorous and produce an abundance of fine, large, well filled pods.

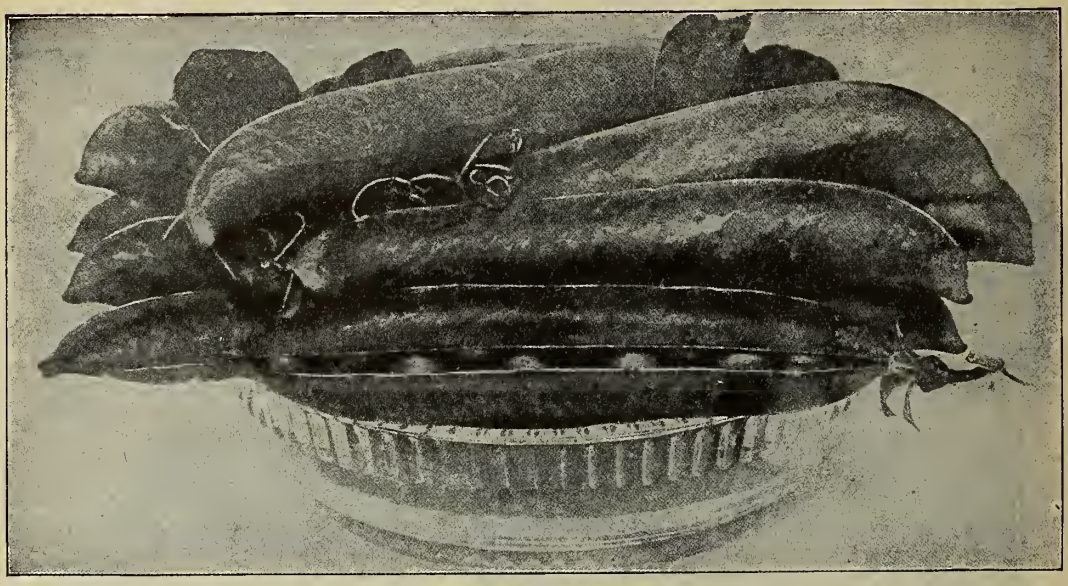
King Edward Seventh. Vine 1½ feet in height with dark green foliage. Pods dark green, curved and pointed at the ends. Ready for table use 60 days from planting. Seed blue green, medium sized wrinkled.

Laxtonian. Vine 1½ feet in height with dark green foliage. Large curved dark green pods, pointed at the ends. Seed green, wrinkled, large sized.

Little Marvel. Height of vine 18 inches with dark green foliage. Small blunt dark green pods. Fit for table use 53 to 55 days from planting. Seed blue green, small sized, wrinkled.

The Lincoln. 1½ to 2 feet in height, foliage medium green. Pods medium sized, curved and pointed and dark green in color. Seed blue green mixed with yellow, small sized and wrinkled.

Peas, Wrinkled Seed—Continued



RICHARD SEDDON.

Nott's Excelsior. Resembling Gems in habit, but more dwarf and uniform in growth, height 12 to 17 inches, with rather light foliage. Pods are light in color, round, about 2½ inches long, blunt at the ends. Fit for picking 56 days from planting. Seed green, wrinkled, medium in size and square at the ends.

Prince of Wales. Vines 3 feet in height, foliage pale green, pods medium sized, blunt, pale green in color. Fit for table use about 65 days from planting. Seed white, large, wrinkled.

Richard Seddon. 16 to 20 inches. Richard Seddon, introduced a few years ago, has already established itself. The largest canning factory in New Zealand is now using it in preference to all others for canning its famous green peas. The haulms and pods are deep green, the latter crowded with 7 to 9 large peas of the very best color and flavor; it is as early as American Wonder, but a far more abundant bearer. We test all the new and standard varieties each season, and we can say with confidence that there is no better all-round early variety than this. Seed green, wrinkled and small in size.

Surprise. Resembling in vine, size and shape of pod Alaska and First and Best, but with the tender quality and delicate flavor of the best of the wrinkled sorts. Very much used by canners who wish an early pea with a sweet and delicate flavor. Vines 2½ to 3 feet high, light foliage bearing pods 2½ to 3 inches long, light in color and blunt at the ends. Can be picked 43 to 47 days from planting.

Sutton's Excelsior. Similar in habit of growth to Nott's Excelsior, but bearing very large broad pods, well filled with large peas. Very tender, and of the most delicious flavor. Vines about 18 to 20 inches high, medium light in color with pods 3¼ to 3½ inches long, light in color and blunt at the ends. Is ready to pick 52 days from planting. Seed green, wrinkled, medium in size.

Sutton's A-1. Resembling somewhat Advancer in habit of growth, 24 to 28 inches high, foliage light green. Pods 3 to 3¼ inches long. Round, light colored and blunt. Fit for table use 65 days from planting. Seed medium sized, green, wrinkled.

Sutton's Peerless. Vines 3 to 3½ feet in height, dark green foliage. Pods large, pointed and dark green in color. Fit for table use 75 to 78 days from planting. Seed large, blue, wrinkled.

Sutton's Pioneer. A first-early Pea, which has won great popularity for its many fine qualities. The plant is unusually robust in habit, and carries a heavy crop of long, pointed pods of a dark green color, which are well filled with rich-flavored peas. So numerous are the pods that the plants present a most striking appearance while growing. We regard this as one of the best varieties in the dwarf section of the early class. Height about 20 inches.

Shropshire Hero. Strong, vigorous vines 42 inches in height. Pods 3 to 3½ inches long, blunt, light green in color. Fit for table use 68 to 73 days from planting. Seed large, green, wrinkled.

Stratagem. A vigorous, hardy and luxuriant vine, bearing large pods containing peas of excellent quality. A heavy cropper, although it has a tendency to sport. Vines 20 inches. Foliage, dark green. Pods 3½ inches long, straight, broad, pointed, gray green in color. Fit for table use 56 days from planting. Seed very large, green, wrinkled.

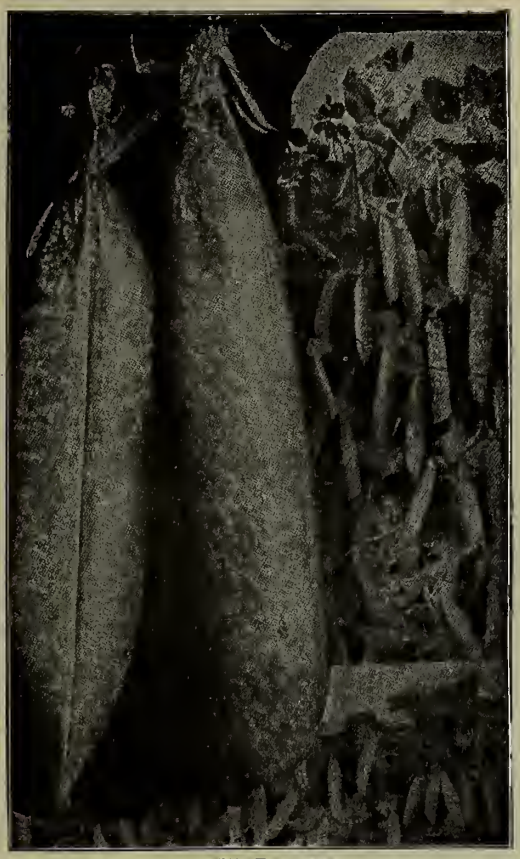
Sharp's Queen. Hardy and vigorous in growth. 36 inches in height with dark green foliage. Pods 3½ inches long, curved, pointed, gray green in color. Fit for table use 62 days from planting. Seed green, medium sized, wrinkled.

The Sherwood. Vines 1½ feet high, foliage dark green. Pods medium to large in size, straight and blunt, dark green in color. Fit for picking 70 days from planting. Seed blue green, medium sized, wrinkled.

Senator. Vines 36 inches in height, foliage dark green. Pods 4 inches long, curved and pointed, and dark green in color. Fit to pick 61 days from planting. Seed medium size, green, wrinkled.

Stanley. Vines strong, growing about 1½ feet in height, with medium green foliage and bearing pods pale green in color, curved and slightly pointed. This pea may be classed among the earlies. Seed is medium sized, green and wrinkled.

PEAS, Wrinkled Seed—Continued



TELEPHONE

We are the largest growers of peas for seed purposes.

We appreciate more and more the importance of having our Pea stock true to type and we are improving the stock by continued selection using many acres of land each year.

Thomas Laxton. Closely resembling Gradus in habit, rapidity of growth, earliness and foliage, 26 to 30 inches high, and much hardier in every respect than Gradus. Pods 4 to 4½ inches long, round, well filled with peas, blunt at the end. Fit to pick 52 days from planting. Seed large, cream colored, wrinkled.

Telephone. Vines and leaves large and coarse. Foliage light green in color. Height 40 to 50 inches, pods 4½ inches long, broad, pointed, medium green in color. Fit to pick 62 to 65 days from planting. Seed large, green, wrinkled.

Witham Wonder. Vigorous, uniform in growth. Height 18 inches with larger, broader pods than American Wonder and well filled with peas of extra fine flavor. Pods 3 inches long, round, a trifle curved and slightly pointed. Seed medium sized, green, wrinkled.

William Hurst. Resembling American Wonder in habit, but more straggling and uneven in growth. Height 16 to 18 inches, foliage dark, vigorous and productive, bearing in profusion. Curved pods, medium green in color, about 3 inches in length, fit to pick 57 days from planting. Seed green, wrinkled, medium in size.

World's Record (Sutton's). This is an English Pea introduced in 1907. The introducer says of it: "The haulm is not so tall as Sutton's Early Giant, and the pods are scarcely so large, but it is no exaggeration to say that the World's Record is the earliest large podded marrowfat pea in cultivation." In our trial grounds it has proved to be a very fine large podded early pea. Height of vine about 3 feet. Strong and vigorous. Very prolific. Pods green in color and containing peas of very superior flavor.

Plant of LEONARD'S POTLATCH Showing its Great Productiveness,
for Description see page 68

Yorkshire Hero. Hardy, productive, and upright in growth, bearing near the top of the stalk broad, pointed pods with peas of good quality. Foliage dark green, 23 to 28 inches in height. Pods 2½ to 3 inches long, blunt, light green in color. Fit to pick 68 to 73 days from planting. Seed large, green, wrinkled.

PARSLEY

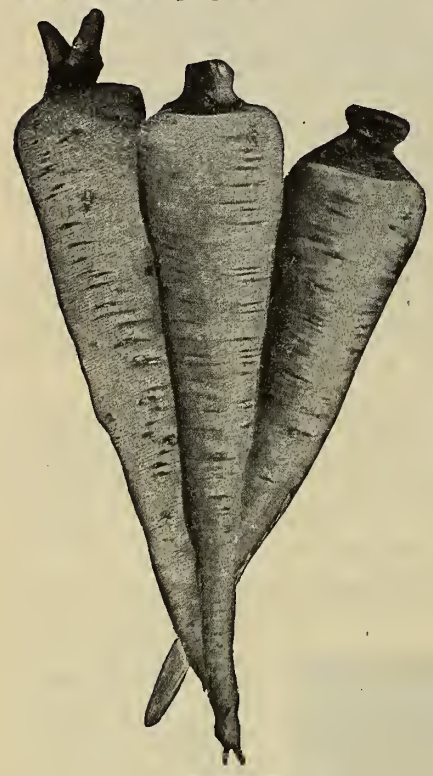
CHAMPION MOSS CURLED PARSLEY

Double Curled. The standard sort for outdoor culture, also highly prized by market gardeners for the greenhouse.

Champion Moss Curled. A very fine curled variety. One of the handsomest for garnishing purposes. The exceedingly curled leaves make it desirable.

Fern Leaved. This sort has a peculiar, fern shaped leaf. It is not so desirable as the more curled sorts.

Triple Curled or Myatt's Garnishing. Very finely curled variety of dark green color. One of the best varieties for all purposes.



PARSNIP

Plain. Leaves flat, deeply cut but not curled; often preferred on account of the very dark green color as well as the hardiness of the plant and its superiority for flavoring. The curled sorts are more extensively used for garnishing.

Hamburg Rooted. The standard rooted sort. The leaves are used for soup greens, and the roots when sliced are much esteemed.

PARSNIP

Hollow Crown. Roots long, white, smooth, tender, sugary and of most excellent flavor. Very hardy, and will keep through winter without protection.

Guernsey. Root white, very tender, with a smooth, clean skin. The variety is easily distinguished by the leaves growing from depression on top or crown of the root.

Long White Dutch, or Sugar. Root very long, white, smooth, tender and of most excellent flavor. Very hardy and will keep well through the winter without protection.

PEPPERS

Long Red Cayenne. A long, slim, pointed pod, and when ripe, of a bright red color. Extremely strong and pungent.

Red Chili. Used in the manufacture of pepper sauce.

Red Cluster. A new type of Chili, with upright, bright red fruits.

Celestial. A Chinese variety bearing roundish upright pods.

Coral Gem. This variety grows in the form of a boquet; pods bright red.

Large Bell or Bull Nose. A very large sort of inverted bell shape, suitable for filling or for a mixed pickle. Flesh thick, hard and less pungent than most other sorts.

Sweet Mountain. Plants very vigorous and productive, growing upright, with moderately large leaves. Fruit very large, long, often 8 inches or more in length, by 2 inches in diameter.

Ruby King. An improved American sort, reaching the largest size, yet retaining the symmetrical shape of the smaller sorts.

Chinese Giant Pepper. Without doubt one of the very best and largest Mango Peppers ever introduced. Its mammoth size, splendid shape, beautiful, rich, glossy-red flesh and mild flavor, all lead us to speak of it in words of commendation.

Procopp's Giant. Very large, usually 8 to 9 inches long and 3 inches thick. Brilliant scarlet color, flesh thick, of pleasant flavor.

PEPPERS—Continued

Golden Upright. The fruits are large and of a beautiful rich golden yellow, tinged with blush red. The peppers are mild and as pleasant to the taste as Ruby King.

Golden Dawn. In shape it resembles the popular Bell or Bull Nose pepper. It is of a most beautiful golden yellow color, making a very handsome appearance, both in growth and upon the table.

Red Cherry. Plant tall, bearing a profusion of bright red, round fruit which is very pungent when ripe. The plant is very handsome and an ornament to the garden.

Golden Queen Mammoth. Very large fruits; rich golden yellow color; early.

Tabasco. Of tall, bush-like growth, three to four feet in height, producing an immense number of small, slender, fiery fruits one inch in length and vivid scarlet in coloring. This is the true variety, from which the famous **Tabasco Sauce** is made.

PUMPKIN

Cheese or Kentucky Field. One of the best for table use, and very productive. Shape flat; flesh yellow, thick and tender.

Connecticut Field. The hardiest of all Pumpkins; cultivated mainly for stock-feeding, producing enormous crops.

Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 pounds.

Mammoth Potiron. The flesh and skin are of a bright golden yellow color. Flesh fine grained and of excellent quality. This enormous variety has been grown to weigh 200 pounds.

Cushaw, or Crookneck. A favorite sort of excellent quality.

Winter Queen. This is an improvement of the old, well-liked sugar pumpkin. Its size is uniformly about nine to ten inches in diameter. In color, a beautiful deep orange yellow, with a very close netting, almost as russeted as a potato.

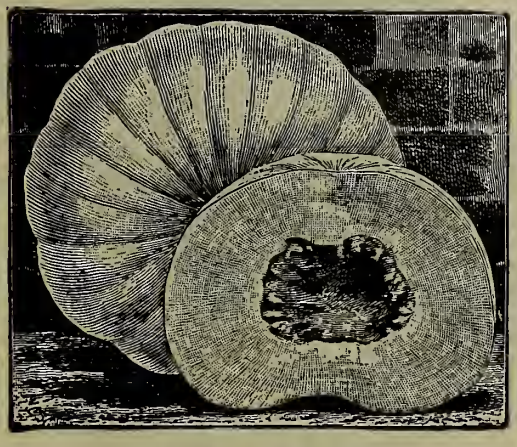
Golden Oblong. A productive variety, oblong in shape. Skin golden orange, flesh yellow, dry and sweet; excellent.

Sugar or Pie. A rather small, but handsome variety. Shape, round; skin deep orange colored; flesh fine grained, sweet-flavored; superior for pies.

CHEESE OR KENTUCKY FIELD

Calhoun. Round, flattened, skin brown; flesh salmon-yellow, thick and fine grained.

Tennessee Sweet Potato. Hardy, productive, sweet and delicious, and one of the best for cooking purposes ever introduced.



CALHOUN PUMPKIN

RHUBARB

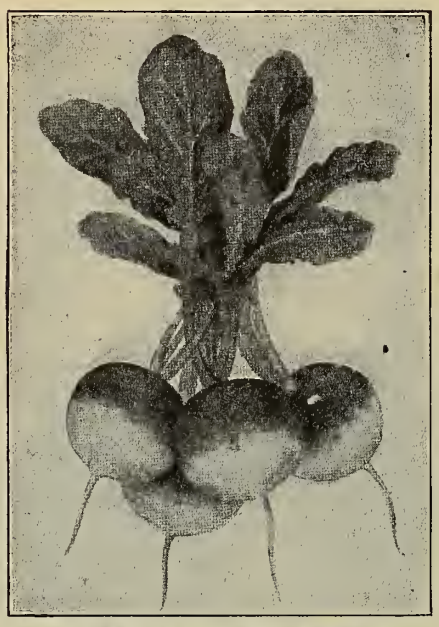
(Pie Plant)

Culture. Rhubarb succeeds best in deep, somewhat retentive soil. The richer its condition and the deeper it is stirred the better. Sow in drills an inch deep, and thin out the plants to six inches apart. In the fall transplant the young plants into very highly manured and deeply stirred soil, setting them four to six feet apart each way, and give a dressing of coarse manure every spring. The stalks should not be plucked until the second year, and the plant never allowed to exhaust itself by running to seed. Our seed is saved from selected plants of the Linnæus, Victoria, Giant and other improved sorts, but like the seeds of fruit trees, rhubarb seed cannot be relied upon to reproduce the same varieties.

Rhubarb Seed

Rhubarb Roots

RADISH



SCARLET TURNIP WHITE TIPPED RADISH

Leonard's Three Leaf Radish. So named on account of its extreme earliness and the fact that when there are three leaves formed besides the seed leaf it is large enough to eat. It is an improved form of the well known Scarlet Olive.

Non Plus Ultra. This is one of the finest forcing radishes. The roots are round, with a deep scarlet colored skin, the flesh white, very crisp and tender.

Olive Shaped Bright Red Leafless Forcing. The extra early forcing radishes lately introduced are remarkable for the small size of their leaves. They develop their roots in so short a time that the latter are practically in advance of the leaves.

Rosy Gem. One of the very earliest in cultivation. Shape a perfect globe. Deep scarlet top, blending into pure white at bottom.

Early Scarlet Turnip. The standard early turnip radish. Fine flavored and mild.

Early Carmine Turnip. An extra early variety of turnip shaped radish. It is very mild and crisp. The flesh is white, the color is carmine, and the radish looks bright, even when wilted.

Scarlet Turnip, White Tipped Forcing. An early strain of the White Tipped variety having a short leaf and suitable to plant in the green house.

Scarlet Turnip, White Tipped. One of the handsomest of the turnip radishes and a great favorite in many large markets for early planting outdoors. It is but little later than the White Tipped Forcing, and will give entire satisfaction where extreme earliness is not the primary object. Roots slightly flattened on the under side, color very deep scarlet with a white tip; flesh white and of the best quality.

Scarlet Olive. Very tender and a beautiful color. Early.

Early Scarlet Globe. A desirable sort for hotbed forcing and outdoors, very early; flavor mild; crisp, juicy and tender; top small; will stand heat without becoming pithy.

New Deep Scarlet Turnip. This is a very bright colored Scarlet Turnip radish, very early and short leaf, well adapted to forcing under glass. Matures in fourteen to twenty-one days, and its appearance will sell it in any market.

Early White Turnip Rooted. A little flatter than the Scarlet Turnip, and pure white in color.

Half Long Deep Scarlet. A variety half the length of Long Scarlet and of same form.

French Breakfast. Olive shaped, scarlet, with white tip; crisp and tender.

Large White Summer Turnip. A very large turnip shaped variety; white, very crisp and mild.

Large Yellow Summer Turnip. Like the above except in color.

Gray Summer Turnip. Popular for mid-summer.

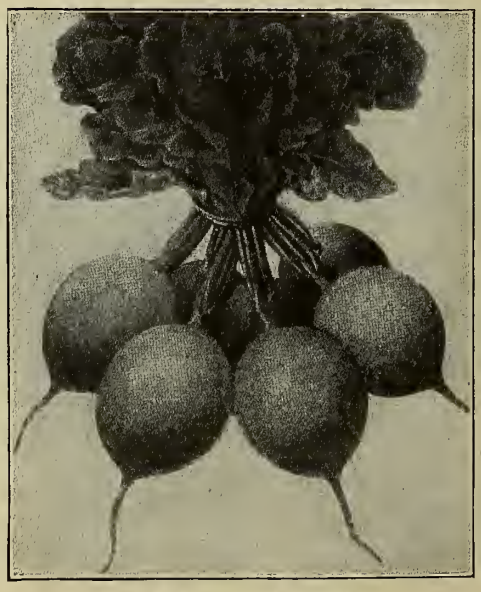
Early White, Olive Shaped. Like Scarlet Olive Shaped, except that the roots are clear white and a little longer.

White Strasburg, or Summer Hospital. Large, showy, half long, white sort. Grows with great rapidity, sometimes producing a crop in six weeks.

Giant Stuttgart. A summer variety. Grows to an immense size. White flesh, very crisp and tender. Of good flavor, and a good keeper.

Triumph Scarlet Striped Forcing or Startle. The roots are the shape of Prussian Globe but larger and are creamy white, beautifully marked with spots and dashes of carmine.

Golden Globe. This variety is of quick growth, affording crisp and tender radishes even in the hottest climate and is extensively grown in the south.



SCARLET GLOBE RADISH

CRIMSON GIANT RADISH

RADISH

Long Brightest Scarlet, White Tipped. This is the brightest and handsomest colored scarlet radish known, and a decided improvement in earliness and color over other varieties of this class. It makes roots fit for use in about twenty-five days from time of planting.

Chartier. Decidedly distinct in appearance. The color at the top being crimson, running into pink about the middle and from thence downward it is a pure waxy white.

Early Long Scarlet, Short Top. This bright scarlet, small topped sort is about six inches long, is uniformly straight, smooth, brittle and crisp, and is a standard and excellent sort for private gardens or market use.

The Cincinnati Market. The tops of this new radish are very small and may stand much closer in rows than Wood's Early Frame or Long Scarlet, without danger of running to seed.

Crimson Giant Turnip, Forcing. A variety extraordinary in that, while growing to an unusually large size, it is always tender, crisp and of mild flavor. It remains in perfect condition a remarkably long time, and unlike other forcing varieties, does not become pithy even when twice their size in diameter.

White Icicle. This handsome white variety is becoming very popular. It is similar to White Vienna but is not so long, is earlier and has a shorter leaf. We recommend it as a profitable, early variety where a long white sort is desired.

Wood's Early Frame. Shorter and thicker than the Long Scarlet Short Top, one of the very best sorts for first crop out of doors.

Prices of all seeds are listed in alphabetical order in the front pages of catalogue.

Colorado Glass. Same as Chartier.

Small Early Yellow Turnip. Very early yellow sort.

Long White Pearl. Similar to White Icicle.

Large White Spanish. A large rooted winter variety.

Long White Vienna, or Lady Finger. A very excellent white variety with long, very smooth white roots, which are crisp and tender. It comes into use shortly after Wood's Frame and is one of the most desirable of the white summer sorts.

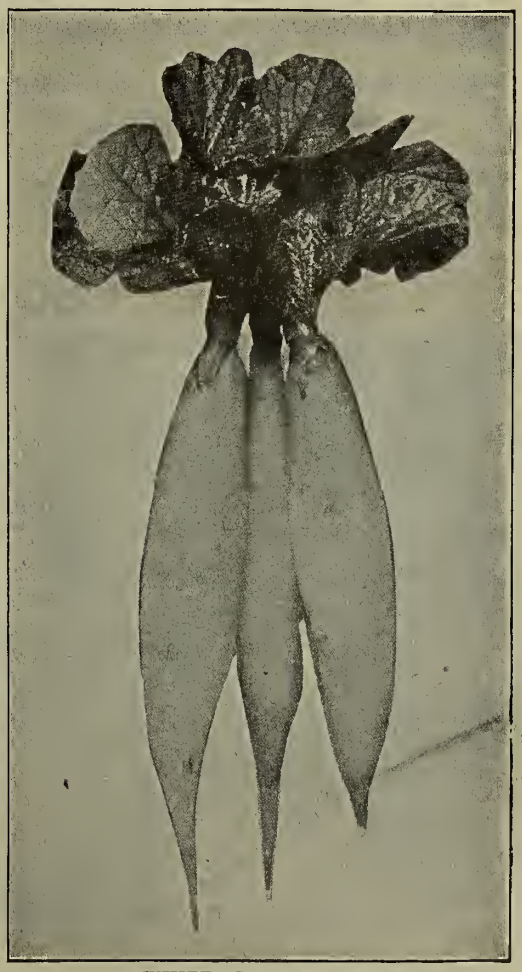
Rose or Scarlet China. Roots cylindrical, or largest at the bottom, tapering abruptly to a small tap. Skin very smooth and of a bright rose color; flesh firm, crisp, tender and quite pungent.

Round Black Spanish. Roots round, sometimes top-shaped, three or four inches in diameter; skin black, flesh white, very compact and highly flavored. An excellent sort for winter, as the roots keep a long time.

Long Black Spanish. One of the latest as well as hardiest of the radishes; an excellent sort for winter use.

California Mammoth. First introduced into this country by the Chinese in California. It is pure white, about one foot long, and two or three inches through, tapering regularly to the tip. The flesh is tender and crisp, keeping well through the winter.

White China or Celestial. A comparatively new variety which is popular wherever known. The root is long, cylindrical, with beautiful white skin and flesh so white as to attract attention, even among the other white varieties. The flesh is very tender and of excellent quality.



WHITE ICICLE RADISH

SANDWICH ISLAND SALSIFY

SALSIFY

(VEGETABLE OYSTER)

The long white tapering root of salsify resembles a small parsnip, and when cooked is a good substitute for oysters, having a very similar flavor.

Large White. The common variety; roots medium sized, smooth; flesh white.

Mammoth Sandwich Island. This is in every way superior to the Large White, being larger, stronger growing and less liable to branch. Invaluable to market gardeners.

SORREL

Large Leaved French. The Standard Variety.

SPINACH

Victoria. An excellent sort, which forms a very large, exceedingly thick, dark green leaf, somewhat curled in the center.

Savoy Leaved. The earliest variety and one of the best to plant in autumn for early spring use. Plant of upright growth, with narrow, pointed leaves which are curled like those of Savoy cabbage.

Round Summer Broad Leaved. This variety is generally preferred in the North for early spring sowing, and is the most popular with our market gardeners.

Broad Flanders. One of the most vigorous and strong growing varieties. The leaves are nearly round, uniformly bright green, quite thick and slightly crimped in the center.

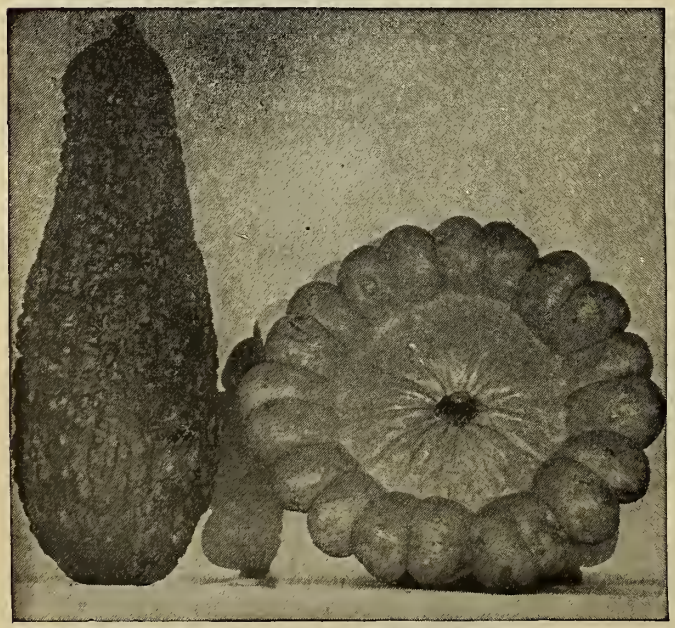
Improved Thick Leaved. A variety which grows very rapidly, forming a cluster of large, very thick, slightly wrinkled leaves, recommended for market gardeners.

Long Standing. An improved, round seeded strain of excellent merit, having all the good qualities of other sorts and continuing in condition for use much longer.

Prickly Winter. A very hardy variety, and will withstand the severest weather with only a slight protection of leaves or straw.

VICTORIA SPINACH

SQUASH



STRAIGHT-NECK SUMMER

MAMMOTH WHITE BUSH

Straight-Neck Summer Squash. In our Straight-neck the bad feature of the crook has been overcome and by continued selection the size has been increased more uniformly in shape, improved quality.

Mammoth White Bush. This variety is a selection made from the Early White Bush; the improvement consists in size of the squashes it produces.

Early White Bush or Patty-Pan. Is earlier than any other variety of dwarf habit and very productive. Summer Squashes should always be used when young and tender, which can be determined by an impression of the nail.

Early Yellow Bush Scallop or Golden Custard. A very early, flat, scalloped variety of largest size; color, yellow; flesh pale yellow and well flavored.

Fordhook. The vines are of strong, vigorous growth and wonderfully productive. Fruits oblong in form, eight to ten inches in length, slightly ridged; smooth, thin, yellowish skin; flesh very thick and of a light straw yellow.

Giant Crook - Neck. This strain is a great improvement on the old variety of Crook-neck. It is larger and better in every way.

SQUASH—Continued

THE HUBBARD

The Hubbard cannot be too highly extolled as a Winter Squash; it boils smooth and dry, is of very rich quality, and keeps as solid as a rock. It is more popular with private growers than any other variety.

Leonard's Warty Hubbard. This is the best strain of Hubbard Squash. By its rough, hard, warty shell and its dark olive green color, it can be distinguished from any other strain either in the field or on the market. It was introduced by us in 1894, and since that time under different names at different places, it has been given out to all who have called for the best stock of Hubbard Squash. We have maintained its purity and offer headquarters' seed. For keeping over winter this strain is superior to all others. It is the best shipping variety and the best seller.

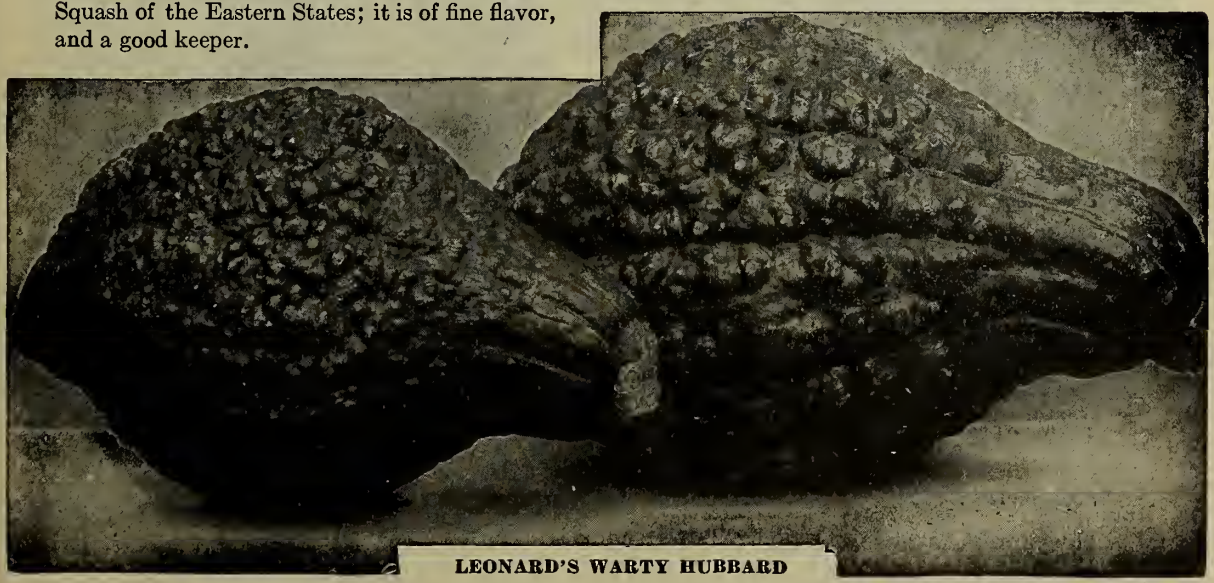
Hard Shelled Marrow. The best sort for canning and drying. The fruit is very large, oval, of deep orange-red color and though quite smooth, has as hard a shell as the Hubbard. The flesh is very thick, of rich orange-red color without a tinge of green.

Delicious. This is one of the best Winter varieties. Its color is almost uniform of a green shade, with occasionally a blue specimen, it being just about as pure in this respect as was the original Hubbard. In size it also closely follows the original Hubbard, which weighed between 5 and 10 pounds. In thickness of flesh it surpasses nearly every variety, the color being a dark orange.

Orange Marrow. This is the earliest of all Winter varieties. Its distinctive feature and the one which will give it the greatest and most wide-spread popularity, is its earliness; it is at least ten days earlier than any other long-keeping sort. It grows as long as the Hubbard, and is of as good quality.

Golden Hubbard. This is a very distinct sort, of the shape and general character of the Hubbard, but a little smaller; of rich orange red color, instead of the dark olive green.

Boston Marrow. Is the favorite Winter Squash of the Eastern States; it is of fine flavor, and a good keeper.



LEONARD'S WARTY HUBBARD

TOMATO

CHALK'S EARLY JEWEL

Leonard's Early Market. A very prolific early red variety.

Atlantic Prize. Small, irregular, bright red; extremely early.

Early Michigan. One of the best second early sorts. Fruit crimson-scarlet.

Royal Red. One of the best red main crop sorts.

Optimus. One of the best table tomatoes in quality. Fruit medium sized and of bright crimson-scarlet color.

Dwarf Aristocrat. Upright growth; bright red fruits.

Dwarf Stone. As its name implies this is a dwarf variety bearing fruits similar to that popular canners' sort, the Stone.

Volunteer.

Livingston's Perfection. In our opinion identical with Paragon.

Chalk's Early Jewel. We consider this one of the very best early tomatoes yet introduced. Vine vigorous and very productive. Fruit deep scarlet-red.

Matchless. The best large-fruited bright red tomato. Matchless is well worthy of its name; in beauty and symmetry of form it is indeed without a fault.

Earliana. Vine similar in growth, maturing bulk of crop as early as Atlantic Prize, but the deep scarlet fruit is larger, distinctly smoother, solid and of very good quality. Early, smooth and of a large size it is a particularly profitable tomato for market gardeners.

Crines June Pink. A fine new variety. It is highly recommended to gardeners whose trade demands the purplish pink sorts. It is the earliest of this class of tomatoes and fills the place in them that Earliana does in the bright red sorts.

Livingston's Globe. Another new variety of exceptional merit. It is of beautiful globe shape, with quite a percentage of elongated (stem to blossom) fruits, which permits a greater number of slices being taken than with flat fruited sorts. Color a beautiful glossy rose, tinged purple.

Dwarf Champion. A purplish pink variety forming a strong, erect, bushy plant two feet high. Often sold as tree tomato. Fruit smooth, medium sized, fairly solid and of good flavor.

Ignotum. A very good red fruited variety.

Paragon. The well-known standard bright red tomato.

Stone. Large, smooth, solid, scarlet, highly recommended.

Trophy. Very large, solid, and generally smooth; bright red.

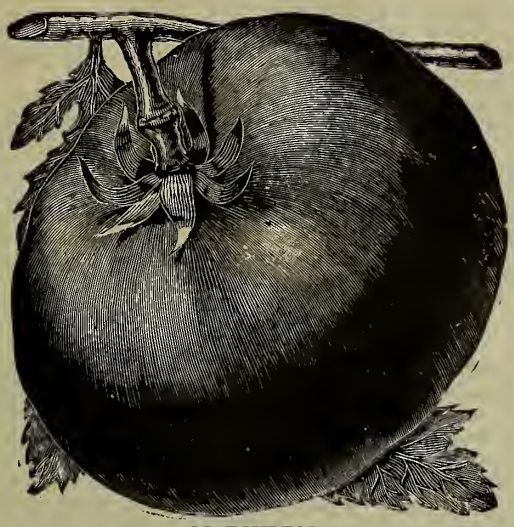
Honor Bright. First white, then brilliant scarlet; extremely solid.

Acme. The well-known popular standard bright pink tomato.

Livingston's Beauty. Large, solid, smooth; purplish pink.

Livingston's Favorite. Bright red, smooth, of good size.

LIVINGSTON'S GLOBE



MATCHLESS
For description see page 78

TOMATO

Turner Hybrid or Mikado. Large-fruited purple; potato leaf.

Imperial. Large purple-fruited, early.

Essex Early Hybrid. Similar to the Acme, fruit purplish pink, always smooth and handsome; in quality is classed with the best.

Buckeye State. One of the best late purplish pink varieties. Vine exceptionally strong growing and vigorous and growers in some sections of the south claim that it is blight proof. It should be given more room than most. Fruit very large, round, smooth and firm. An excellent shipper.

Ponderosa. A purplish pink tomato of largest size. Vine vigorous and very productive. Fruit very solid, fairly smooth and considered of very good quality, especially by those who prefer a tomato quite free from acid.

Dwarf Giant. A very large fruited Dwarf Champion.

Greater Baltimore. A splendid variety for canning, similar to Stone.

Tenderloin. Similar to Ponderosa.

Magnus. A variety with potato leaved foliage, producing purplish pink fruit of the largest size; much smoother than most of the large fruited sorts and matures earlier.

Crimson Cushion. A large fruited variety; smooth on the top but inclined to curve at the ends making an indenture at the stem. Color a glossy crimson tinged pink. Fruit ripens evenly, except toward the stem where it ripens somewhat slowly. A very solid heavy tomato.

New Coreless. This variety has less indenture than any other of the red varieties. It has no corrugations at stem end, and absolutely no green core; for these reasons it is a model variety for canning and catsup.

Model Tomato. A new variety. Foliage is very large, broad, very deep, dark green, and is heavily blistered. The fruit is first-class in size, smooth, very neat, and of best quality. Color, deep, brilliant scarlet.

Yellow Cherry. The small yellow fruits, borne in clusters, average half an inch in diameter.

Red Cherry. Little fruits of a bright scarlet color.

Strawberry or Husk Tomato. Plants of low-spreading growth and immensely productive. The small yellow fruits are each enclosed in a husk. Of very sweet flavor, highly esteemed for preserving or making pies.

Red Pear-Shaped. This is a leading favorite for preserves and also to make "tomato figs." The fruit is bright red, of true pear shape, and of rich distinct flavor.

Golden Queen. Fruit large and smooth; color a beautiful golden yellow, sometimes with a slight blush of red, as smooth and well shaped as the best of the red varieties and of superior flavor.

Red Rock. An extraordinarily solid, smooth, very red tomato; a very heavy producer of excellent shape and very superior texture and flavor. An excellent variety for truckers and canning factories on account of its shape, quality and productiveness This tomato is very free from cracks, has a very shallow stem attachment and is practically smooth. Fruits will probably average from 8 to 9 ounces. Borne in clusters of from 4 to 7 fruits, and ripens in 110 days from sowing of seed.

Red Currant. Small sort growing in clusters.

Red Peach. Shaped like a peach and has the peach appearance.

Yellow Peach. Same as the red peach except color.

Yellow Pear. Pear shaped; yellow.

Yellow Plum. Plum shaped; yellow.

Trucker's Favorite. The finest large-fruited purple tomato. The fruits continue of large size to the very last and are always unexcelled for slicing or cooking.

Success. The vines are of strong, vigorous growth with abundant foliage. The fruits, set in clusters, average 3 inches in diameter and 2 to 2½ inches through from stem to blossom end. Color brightest scarlet; perfectly smooth; very meaty, of fine flavor.

RED ROCK

CONNECTICUT SEED LEAF TOBACCO

TOBACCO

Pennsylvania Seed Leaf. This is the variety mostly grown for cigars, and is of fine quality and excellent flavor.

Persian Rose. A fine brand for cigars. Sells well.

Yellow Pryor. A fine yellow sort, and succeeds well where others fail.

Blue Pryor. This is the genuine article and a good sort.

General Grant. Very early, and a good yielder.

Connecticut Seed Leaf. The best sort for cigar wrappers. Try it.

Havana. This is the genuine article, and is first-class.

Ohio. White leaved. A large yielder.

TURNIP

Extra Early White Milan Turnip. The Purple Top Milan is one of the most popular turnips for spring sowing, but in this new sort we have a splendid extra early turnip in which the extreme earliness, small top and tap root of the Purple Top Milan is united with clear white skin and flesh.

Pomeranian White Globe. This is one of the most productive kinds, and in good, rich soil roots will frequently grow to twelve pounds in weight. It is of perfect globe shape; skin white and smooth; leaves large and dark green.

Purple Top White Globe. An early variety. Globe shaped; heavy cropper. In other respects similar to the Red Top Strap Leaf. A handsome looking bulb, and is rapidly taking the lead of all other varieties of early turnips for market garden purposes.

Extra Early Purple Top Milan. The earliest in cultivation, two weeks earlier than Purple Top Strap Leaf. The bulb is flat, of medium size, quite smooth with a purple top.

Cow Horn. This variety is pure white except a little shade of green at the top, and is carrot-like in form, growing nearly half out of the ground, and slightly crooked.

Early Snowball. A perfectly globe shaped, white skinned turnip. It is exceedingly productive. The flesh is fine grained, firm and of very delicate flavor.

Early White Flat Dutch. An excellent garden variety. The best for spring sowing.

White Egg. Belongs to the class of quick growing fall turnips, and for this purpose should be sown, in this latitude, between August 10 and 25.

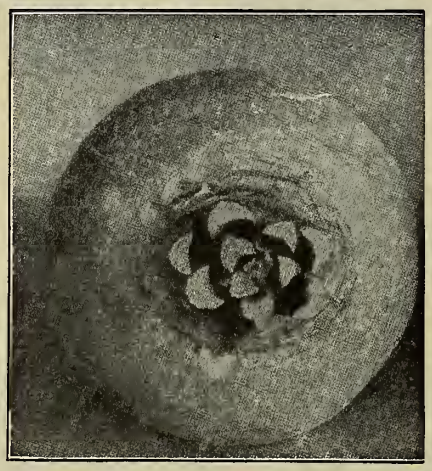
Large White Norfolk. The standard variety for field culture for feeding stock. Very large size.

Sweet German. This variety is very popular in many sections, notably so in the New England states.

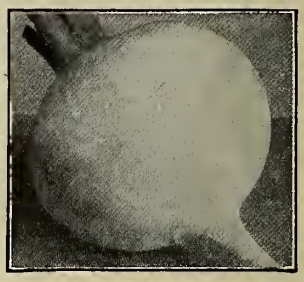
Seven Top. Cultivated extensively in the south for the tops, which are used for greens. It is very hardy and will grow all winter.

Purple Top Munich. The earliest variety after the Red Top Milan.

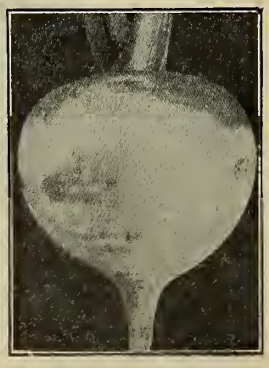
Purple Top Strap Leaf. Rapid grower and mild flavor, the most popular variety for early use, either for the table or stock.



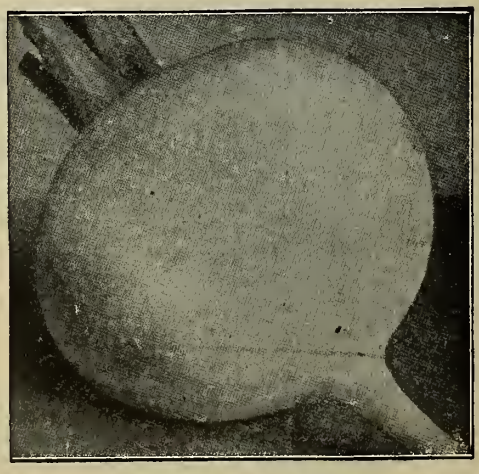
YELLOW ABERDEEN



EARLY SNOWBALL



PURPLE TOP GLOBE



LARGE WHITE NORFOLK

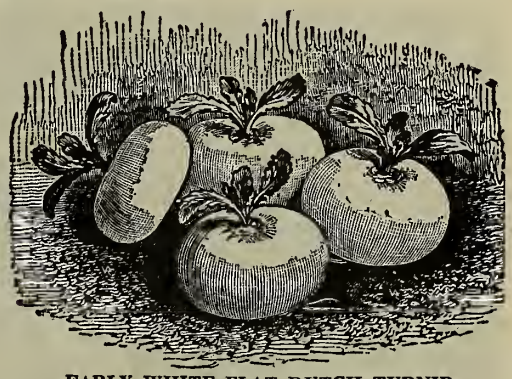
TURNIP—Continued

YELLOW FLESH SORTS

Yellow Aberdeen. Very hardy and productive, a good keeper; globe shaped. Color pale yellow, with purple top. Very firm in texture, and closely resembling the Rutabaga in good keeping qualities. Good either for table or stock.

Large Amber Globe. One of the best varieties for a field crop for stock. Flesh yellow, fine grained and sweet; color of skin yellow; top green. Hardy, keeps well, a good cropper. Very popular in the south.

Yellow Stone. A very desirable sort. The roots are of medium size, uniformly globular and perfect in shape, smooth skinned and of pale yellow color. The flesh is crisp, tender and of fine quality.



EARLY WHITE FLAT DUTCH TURNIP

Yellow Globe. Very similar to the Yellow Stone and a very attractive sort.

Orange Jelly, or Golden Ball. Undoubtedly among the most delicate and sweetest yellow fleshed turnips yet introduced. Not of a large size, but firm, hard and of most excellent flavor. Keeps well and is superior as a table variety. It is extensively used.

RUTABAGAS—Swedish Turnip

White Rutabaga. This variety is now very extensively cultivated, and preferred in many sections for its white flesh. It is very hardy and productive, keeps well until late in the spring, and is highly esteemed for its sweet, delicate flavor.

Sweet German. A superior variety for table or stock. Flesh firm, sweet and juicy.

Laing's Improved. One of the earliest of the rutabagas. Forms a handsome bulb of good quality. Keeps well; good for table use.

Long White French. A very delicate flavored variety. An excellent keeper and fine for table.

Skirving's Purple Top. A very heavy cropper. One of the best for field culture.

Carter's Imperial Hardy. An English variety resembling the preceding. Very productive and of fine quality.

Monarch or Tankard. This is a yellow fleshed sort having very large tankard shaped roots, with relatively small necks and tops. Color purplish crimson above ground, yellow below; flesh very solid, fine grained and of the best flavor. This very popular variety is also sold as Hurst's Monarch and Carter's Elephant.

Drummond's. An improved strain of purple top Swede, excelling in uniformity of shape, color and quality. Considered by many an excellent table sort.

Improved American. The best yellow fleshed, purple top variety grown for stock or table.

Budlong's White Rock. Though sometimes called a turnip this is more like a rutabaga. The root is large, both skin and flesh very white, and is one of the best varieties we have for table use. An excellent keeper and a desirable sort for market gardeners.

Bangholm. A very superior variety, both in form and quality, and held in high estimation in many parts of England. Of large size, small neck, few or no side roots, and yields well. Flesh yellow, sweet and solid; skin yellow with purple top.

IMPROVED AMERICAN RUTABAGA

MISCELLANEOUS GRAINS & FARM SEEDS

ONE OF THE BARNYARDS ON OUR LA GRANGE FARM

DWARF ESSEX RAPE

A forage plant of great merit, easily grown in any part of the United States, on any land that will raise turnips or corn, and will furnish abundant supplies of succulent, rich, nutritious pasture, at a season when it is most needed. It is of great value for sheep and lambs, and when turned on it, to use a common expression, "they soon weigh like lead." It is also of value for pasturing cattle. One acre of rape is sufficient to pasture ten to fifteen lambs for two or two and one-half months. It is often sown broadcast, about five pounds to the acre, but will yield much better if drilled about two pounds to the acre, in rows twenty-two inches apart, and cultivated until plants are too large. Seed may be sown in May, but we do not advise sowing until June or July. Can, however, be sown with grain in the spring, and is said not to interfere with the grain crop.

FLAX

Russian. We have some very choice seeds of this, much superior in every way to common flax. It will increase the yield and add to the value of the product. Most of the flax of the country is badly run out. It will pay you well to secure some new seed.

BROOM CORN

Tennessee Evergreen. More largely grown in the Western states than any other. The brush is noted for its fine quality, good length and handsome appearance. Cut before the seed is ripe, it is a beautiful pea green color.

Missouri Evergreen. Has coarser brush than the Tennessee and is therefore desirable for making heavy brooms.

SUGAR CANE

Early Amber. Its early maturity adapts it almost to every section. It has given entire satisfaction wherever introduced as a profitable crop for fodder as well as for sugar-making.

MILLET SEED

Siberian. A new and wonderfully productive forage plant from Russia, which has given excellent results in the United States.

Pearl. (Penicillaria Spicata.) A valuable fodder plant for the South; is enormously productive. Sow in drills eighteen inches apart, and 8 to 10 pounds to the acre.

Hog. Known also as Broom Corn Millet. Quite unlike the German and common millet in habit of growth as well as the appearance of the seed, which is much larger. The name, Hog Millet, has been employed to emphasize the use to which it is now being put as an economical and valuable food for hogs.

Japanese Barnyard. (Panicum Crus Galli.) This wonderful and valuable new forage plant was introduced into this country by Prof. Brooks, of the Massachusetts agricultural experiment station.

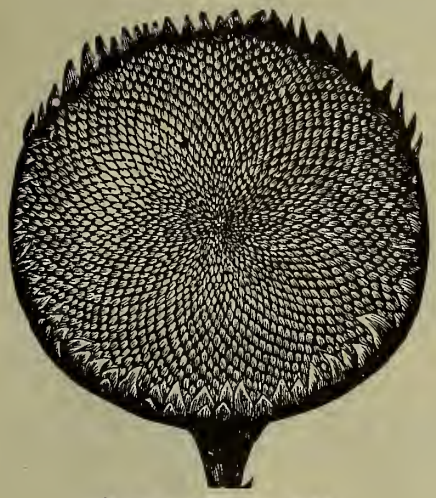
Common. (Panicum Miliaceum.) Requires a dry, light, rich soil, and grows two and one-half to four feet high, with fine bulk of stock and leaves, and is excellent for forage. Sow broadcast from May 1 to June 20, if for seed, or until the last of July, if for hay.

German or Golden. This variety is not so early as the Common millet, but yields a much larger crop.

Hungarian Grass. (Panicum Germanicum.) A valuable forage plant. Succeeds well on dry, light soil. Withstands the drought remarkably.

MISCELLANEOUS SEEDS AND ROOTS

SPANISH PEANUTS



RUSSIAN SUNFLOWER

ARTICHOKE, JERUSALEM

PEANUTS

Peanuts can be raised with but little expense, and are an exceedingly productive and paying crop. They are planted in much the same manner as potatoes, and require but little care beyond hilling up the young plants.

Spanish. This variety is smaller and sweeter than the common, or Virginia. Plants grow upright and strong, and are easily harvested.

Virginia. This is the common peanut grown in the South.

AILANTHUS, OR TREE OF HEAVEN

AILANTHUS
(Tree of Heaven)

This splendid ornamental tree is a native of China, where it is called the Tree of Heaven, from its great beauty. It is very hardy, and thrives in any soil, no matter how poor, and grows from 6 to 10 feet high from seed the first summer. The leaves, from 5 to 6 feet in length, give it a grand appearance. Nothing outside the tropics can rival it for lawn decoration. Large panicles of bloom, followed in season by great clusters of colored seed pods, make the tree a continual thing of beauty.

RUSSIAN SUNFLOWER

This is highly prized by poultry raisers and farmers as a cheap food for fowls. It is immensely productive and can be raised cheaper than corn, as any waste piece of ground will suffice. It is the best egg producing food known.

JERUSALEM ARTICHOKE

This variety is cultivated for its tubers, which are especially valuable for stock feeding on account of their fattening properties; they are well adapted to any soil where corn and potatoes can be grown. They are the best hog food, a preventive of cholera and other hog diseases. Three bushels of tubers are sufficient to seed one acre; cut to one eye, the same as potatoes, planting in April or May in rows 3 feet apart and 2 feet in the rows, and cover about 2 inches deep.

MISCELLANEOUS GRAINS & FARM SEEDS

JAPANESE BUCKWHEAT

SEED BUCKWHEAT

Japanese. The kernels are at least twice the size of those of any other variety, and of a shape peculiar and distinct from all others. The color of the kernels is also most distinct, being a rich, dark shade of brown. The straw is heavier, very branchy, and does not need to be sown as thickly as other kinds. The quality is excellent and the yield is enormous. It is about a week earlier in ripening than the Silver Hull.

Silver Hull. This improved variety is much better than the old sort. It is in bloom longer, matures sooner, and yields double the quantity per acre. The husk is thinner, the corners less prominent and the grain of a beautiful light gray color. The flour is said to be better and more nutritious.

Common. Buckwheat should be sown about the 20th of June, broadcast, at the rate of from 1 to 3 pecks per acre. The average yield is from 25 to 30 bushels per acre. It should be threshed as soon as dry, on the ground or barn floor. If allowed to stand in mass it quickly gathers moisture.

VETCHES

Sand, Winter or Hairy. (Vicia Villosa.) This variety thrives on poor, arid, sandy soils. It is sown either in fall or in spring, and generally mixed with rye, which serves as a support to the plants. It grows to a height of from 3 to 4 feet, and can be cut twice for fodder, first as soon as the bloom appears, and then it can be again cut for the seed. The plant is perfectly hardy, and the produce is recommended as most nutritious. The seed is black and perfectly round, and should be sown at the rate of 1½ bushels to the acre.

BEANS FOR FODDER

Velvet Bean. (Dolichos Multiflorus.) This new bean is becoming very popular in the South and middle North. It is very prolific, vines running over 12 feet long; both vines and pods are eaten by all kinds of stock. An excellent fertilizing plant for plowing under.

Soja Bean, or Coffee Berry. This valuable forage plant is one of the most nutritious of all vegetable products. It will produce a crop of 20 to 30 bushels per acre, and is as easily grown as other beans. For pasturing or feeding as green fodder it is very valuable, and nearly equal to clover for fertilizing.

KAFFIR CORN

Kaffir Corn. One of the best forage plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom. The second growth springing at once from the roots, will still mature (in climates similar to Central Kansas) a full crop of grain and a second full crop of forage before the middle of October. Sow in rows 3 feet apart, 3 to 6 pounds of seed to the acre.

YELLOW BRANCHING DHOURA CORN

WINTER OR SAND VETCH

DHOURA CORN

Yellow Branching. (Yellow Millo Maize.) It is non-saccharine. Useful only for the large amount of foliage, green feed or cured fodder that it furnishes, and for its grain.

Jerusalem Corn. One of the best and surest for dry countries and seasons. Grows about three feet high, with one large head on main stalk and several smaller heads on side shoots. The grains are white and nearly flat.

MISCELLANEOUS GRAINS & FARM SEEDS

CANADA FIELD PEAS

"Peas could be made to bring more nitrogen to the soils of this country every year than is now purchased annually by the farmers at a cost of millions of dollars."—Year-book of the U. S. Department of Agriculture.

For the Northern States there is no crop of greater value than Field Peas and none is more neglected, which can only be attributed to a lack of knowledge as to its merits. Whether for fodder, in mixture with oats, sown at the rate of two bushels each per acre, or the Peas sown alone at the rate of three bushels per acre for plowing under, there is no crop that we can so strongly recommend for more extended culture.

White Canada. More used than any other. **Write for latest market price.**

Blue or Green. Like above except that color is a bluish green. **Write for latest market price.**

COW PEAS

Black Eye. Seed large, round, oblong, creamy white, with a large black eye.

Whip-Poor-Will. The seeds are large, speckled brown in color.

Black. Seed all black. Called also "The Poor Man's Pea," on account of its wonderful prolificacy.

Clay Colored. Large seed of a blue clay color.

The prices on Cow Peas and Field Peas vary with the market. Write for latest market price.

CANADIAN FIELD PEAS

WILD RICE (Zizania Aquatica)

The only one of our native plants furnishing food for wild fowl, ducks, geese, etc., which has been made an article of commerce. This seed can be sown on the borders of lakes, ponds and along small streams to great advantage, attracting all of these wild birds from September on.

BROMUS INERMIS, OR AWNLESS BROME GRASS

The greatest of all grasses, succeeds and produces immense crops of high nutritive value on the sterile and arid plains of our Western States, growing luxuriantly on dry sandy soils, where other grasses would perish.

SEED BARLEY

Manshury Barley. A six-rowed barley, well known and popular.

Highland Chief Barley. This popular two-rowed barley is one of the best of the standard sorts. It is very productive, and the berry is large.

SEED WHEAT

Velvet Chaff Blue Stem. This is a very superior milling wheat. It is the most popular in many of the spring wheat growing sections.

Saskatchewan Fife. This well-known standard variety has been widely grown for many years, and it is still as popular as ever.

SEED RYE

Fall or Winter. The time for sowing is from the middle of August to the last of September. One plowing is given and the seed sown broadcast at the rate of one and one-half bushels per acre, and dragged in. Harrowing and rolling in the spring are recommended.

Spring. Although this grain is often planted by farmers especially for the paper makers, who prefer it to any other, its principal value is as a "catch" crop, to sow where winter grain has failed.

FIELD CORN

AVERAGE EARS BIG WHISKEY FIELD CORN

Big Whiskey Yellow Dent. A splendid new variety, large ear, deep grain, small cob; very prolific, 100 days.

Extra Early Huron Dent. One of the earliest of the yellow dent varieties, 90 days.

Pride of the North. The most popular of the early yellow dent varieties, ripens in 90 days.

Iowa Gold Mine. A very popular, large eared yellow dent, very prolific, 110 days.

King Philip Flint. A red grained flint variety, ripens in 80 to 85 days.

Longfellow Flint. The best yellow flint variety.

Canada Eight Rowed Flint. The well known yellow flint, ripens in 80 days.

POP CORN

White Rice. The most popular of the varieties with the pop corn men.

Golden Pop Corn. A fine sort for popping, grain yellow.

Red Rice. Same as the White Rice, except in color.

White Pearl. A very handsome, smooth grained variety.

ENSILAGE CORN

Southern Large Ensilage. Makes an abundant growth of fodder, white cob.

Red Cob Ensilage. A very popular kind for the silo.

Yellow Ensilage. Similar to the white, except in color of grain.

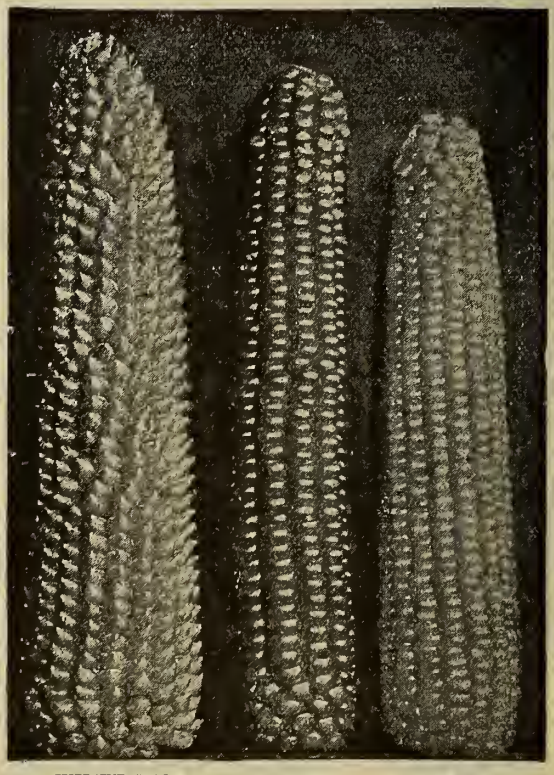
The prices of all seeds are listed alphabetically in the front of catalogue.

Reid's Yellow Dent. A very good yellow dent corn, small cob, large grain.

Champion White Pearl. A very popular white dent corn, 110 days.

Iowa Silver Mine. Same size and quality as Gold Mine, color of grain pearly white.

Improved Leaming. This standard yellow dent is one of the best, ripens in 100 to 105 days.



WHITE RICE POP CORN | GOLDEN POP CORN | WHITE PEARL POP CORN

GRASS SEEDS

Red Top. (Agrostis Vulgaris.) A valuable grass for moist soils and low lands. It is a good, permanent grass.

Solid Seed, Best Grade.

Chaff Seed.

Timothy. (Phleum Pratense.) This is decidedly the best grass for hay, making a large return on strong, rich clay, of medium state of moisture.

Italian Rye Grass. (Lolium Italicum.) A valuable European variety, adapted to any climate, and produces large and nutritive crops. 18-pound bushel.

English Rye Grass. (Lolium Perenne.) A very nutritious, rapid growing variety, valuable for meadows and pastures. 24-pound bushel.

Creeping Bent. (Agrostis Stolonifera.) An excellent variety for lawns and pastures; succeeds well in damp soils.

Tall Meadow Oat Grass. (Avena Elatior.) This produces an abundant supply of foliage, and is valuable for pasturing on account of its early and luxuriant growth.

Sweet Vernal Grass. (Anthoxanthum Odoratum.) This grass yields but a moderate percentage of herbage.

Kentucky Blue Grass. (Poa Pratensis.) It is the best pasture for our climate and soil, succeeding finely on hill lands and producing the most nourishing food for cattle. Fancy clean seed.

Hard Fescue. (Festuca Duriuscula.) Similar to Sheep's Fescue, but not so dense, and growing somewhat taller.

Orchard Grass, or Rough Cocksfoot. (Dactylis Glomorata.) This is one of the most valuable and widely known of all pasture grasses, coming earlier in the spring and remaining later in the autumn than any other.

Wood Meadow Grass. (Poa Nemoralis.) Grows from 1½ to 2 feet high; has a perennial creeping root, and an erect, slender, smooth stem.

Creeping Bent Grass. (Agrostis Stolonifera.) Particularly valuable for lawns that are to be used as croquet and tennis grounds.

Meadow Foxtail. (Alopecurus Pratensis.) An erect perennial, in appearance slightly resembling timothy. Valuable for permanent pastures.

ITALIAN RYE GRASS

Meadow Fescue, or English Blue Grass. (Festuca Pratensis.) A perennial grass from 2 to 4 feet high, with flat, broad leaves. This is one of the standard European grasses. It needs rich ground, and succeeds well on prairie soil.

Sheep's Fescue. (Festuca Ovina.) A small, tufted, hardy grass, forming a cluster of narrow, cylindrical leaves, of value in mixture for lawns or dry soils and under shade.

Tall Fescue. (Festuca Elatior.) A valuable perennial grass, very productive and nutritious.

Alsike, or Swedish Clover. Red Clover. White Dutch Clover. Scarlet Clover. Lucerne, or Alfalfa.

Rough Stalked Meadow. (Poa Trivialis.) A strong growing, hardy grass, well suited for deep, moist soils.

CLOVER SEEDS

Medium Red or June. (Trifolium Pratense.) This is by far the most important of all varieties, for the practical purpose of agriculture.

Mammoth or Large Red. (Trifolium Pratense.) By its judicious use lands which have been exhausted may be reclaimed, as it will grow where the common clover will fail.

White Dutch. (Trifolium Ripens.) A small, creeping, spreading, perennial variety, valuable for pasture and lawns.

Alsike or Swedish. (Trifolium Hybridum.) This valuable variety is fast gaining great popularity.

Alfalfa or Lucerne. (Medicago Sativa.) One of the best varieties, succeeding in almost every situation and bearing heavy crops of forage. Will bear cutting three or four times during the season.

Crimson or Scarlet Clover. It can be seeded at any time from June to October, at the rate of fifteen to twenty pounds per acre.

LEONARD'S LAWN MIXTURES

CHICAGO PARKS LAWN GRASS

The "Leonard" Lawn Grass. For quickly producing a permanent, thick and velvety sward of grass, this brand of Lawn Grass cannot be excelled. It is the best mixture of grasses we sell for lawn-making, and will give satisfaction wherever sown.

Chicago Parks Mixture. This popular Mixture in all cases gives good satisfaction. A pound of seed will sow about twenty feet square.

Evergreen Lawn Grass. This Mixture contains many grasses which are not in the Chicago Parks Lawn Grass, and although the latter is well and favorably known this will be found a much better one.

With slight variations, it can be prepared to suit light, medium or heavy soil, and when wanted for Croquet Ground or Tennis Court those grasses which produce a firm turf can be used more liberally.

TERRACE LAWN GRASS

Terrace Lawn Grass. This is a special blend for Terrace and Embankments.

SHADY NOOK LAWN GRASS

Shady Nook Lawn Grass. Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass.

GOLF LINK MIXTURES

There is no use to which a grass mixture is put that is so exacting as that used for pleasure grounds, golf links, etc. No other turf is required to stand such wear and rough usage. Hence the necessity of sowing such grasses as will produce a thick and healthy growth, and withstand the tramping of many feet.

For the Putting Green. Specially prepared.

For the Links. Specially prepared.

FLOWER SEED

Abronia Umbellata. Handsome trailing plants, with clusters of sweet-scented, rosy pink flowers, resembling the verbena.

Aconitum. (Monk's Hood.) Grows well in any good soil, even when in the shade.

Acroclinium. Beautiful everlasting flowers. Cut when they begin to expand.

Adlumia Cirrhosa. (Mountain Fringe.) An attractive climber, with beautiful feathery foliage resembling the Maiden Hair Fern. Flowers, rose colored.

ADONIS

Hardy plants with delicate foliage, flowering freely and of easy cultivation.

Adonis Aestivalis. Deep crimson.

Adonis Vernalis. A charming hardy variety with large yellow flowers, blooming early in spring.

Ageratum. Choice Mixed. Suitable for pot culture or bedding, bearing in profusion clusters of feathery flowers. This mixture of colors contains the beautiful amethyst blue.

Ammobium Alatum Grandiflorum. (Everlasting Flower.) Large white-flowering variety.

ALYSSUM—LITTLE GEM

ALYSSUM

Free flowering plants for beds, edging, etc. Useful for bouquets because of their delicate fragrance.

Alyssum Sweet, Little Gem. Dwarf and compact, with plants a mass of white from spring until frost.

Alyssum, Sweet. White.

Alyssum Saxatile. (Hardy Alyssum.) Beautiful spring-blooming variety, with flowers of a deep pure yellow.

AMARANTHUS

Ornamental foliage plants. They are most brilliant on poor soil.

Amaranthus Tricolor Splendens. Very brilliant.

Amaranthus Salicifolius. The leaves change in color from a bronzy green to a brilliant scarlet as the plant attains age.

Arctotis Grandis. Handsome bushy annual two ft. high, flowering abundantly from early summer until late autumn. The beautiful daisy-like flowers, 2½ in. across, are white, shaded with pale lilac and zoned with yellow.

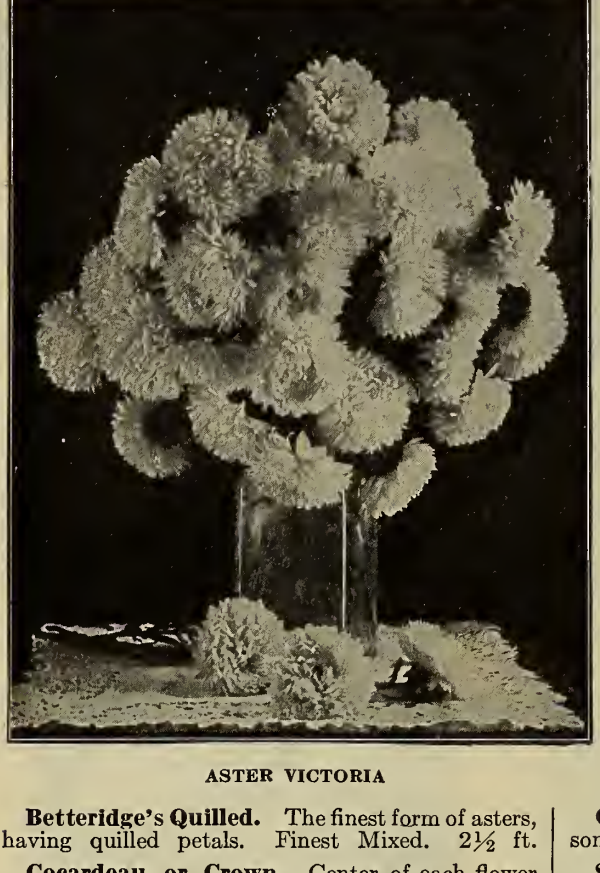
AURICULA

AURICULA

Tender perennials. Also called French Cowslips. An old garden favorite.

Alpine. Most hardy

ASTERS



ASTER VICTORIA

VICTORIA ASTERS

Of all the large flowered Asters none surpass this truly magnificent class. The plants themselves are strong growers, and produce profusely the most beautiful imbricated flowers. The stems being long and strong, none are finer for cut flowers.

Victoria Asters, Mixed Colors — Very fine.

Separate Colors—Crimson, Carmine Rose, Dark Blue, Light Blue, Pure White.

Dwarf Victoria Asters — Perfect flowers of large size, produced profusely. 10 inches high. Effective in beds and borders. Choice mixed.

Peony Flowered Perfection. Excellent for exhibition and very popular for both florists and private use. The best type of all incurved Asters; usually measures 4 inches across.

Hohenzollern. One of the newest varieties, of branching habit, with enormous flowers on long stems. The waxy petals are long, curled, of graceful form; excellent for cutting.

Giant Ostrich Plume, Mixed Colors. Embraces all the desirable colors in splendid mixture.

Semple's Giant Finest Mixed Colors. All shades and colors.

Semple's Giant Lavender.

Semple's Giant Royal Purple.

Semple's Giant Pure White.

Semple's Giant Crimson.

Semple's Giant Shell Pink.

Betteridge's Quilled. The finest form of asters, having quilled petals. Finest Mixed. 2½ ft.

Cocardeau, or Crown. Center of each flower having a white center with a wide margin of some brilliant color. Finest Mixed. 2½ ft.

Daybreak. Large, very double flowers of a beautiful shell pink color. 2½ ft.

Purity. Large, very double flowers. Pure white. 2½ ft.

Queen of the Market. Prized for its earliness, large flowers and free blooming. Is of branching habit.

General Jacqueminot. Color very rich crimson, flowers large, very double.

Snowball, or Princess. When a white aster is desired this is very popular, being of good size and a profuse bloomer.

Aster, Christmas Tree. On account of its branching habit, this Aster is the most striking among the many varieties. The branches are horizontal; the plants attain a height of 20 inches and measure 24 to 28 inches in diameter at the base. Early and very profuse flowering. This effective aster is beautiful as a single plant, in beds or for pot culture.

Dwarf, Finest Mixed. The dwarf varieties are becoming more popular, as the flowers are nearly as large as the tall growing varieties and equally as good form. 1 ft.

Perfection Mixture. In this we have endeavored to make as perfect a selection for variety as possible, including all the finest varieties of the large flowering asters. The colors include every shade known to asters.

GIANT COMET, Snow White. Grand; pure white, flowers of immense size and wonderful perfection.

GIANT COMET, The Bride. Elegant form and delicate coloring. Color, at first, white, changing to a lovely pink, finally to a beautiful rose. For cut flowers it is one of the best.

GIANT COMET, Mixed Colors. A superb mixture which includes all the best colors and shades in this class.

Aster. Chinese Single. These are exceedingly showy and excellent in cutting for vase decorations. The large, brilliant, daisy-like flowers with yellow centers are produced in profusion. Hardy perennial.

GIANT COMET ASTER

MARGARET CARNATION

Asparagus Plumosus. The fronds often attain a length of 9 ft., are very dark green and finely feathered. Being of such vigorous growth it yields more sprays for cutting than any other variety and is easily propagated.

ANTIRRHINUM
(Snap Dragon.)

Are extensively grown under glass for cutting during the winter. The pure white and yellow varieties are mostly used.

Tall Finest Mixed.

Dwarf Finest Mixed.

AQUILEGIA
(Columbine.)

One of the most popular perennials, easiest of cultivation. Blooms profusely from May to August; very desirable for herbaceous borders and groups among shrubs. Moist soil preferable Hardy perennial.

Finest Mixed.

Aristolochia. (Dutchman's Pipe.) A beautiful hardy climber. Leaves large and luxuriant; flowers brownish yellow, in shape resembling a pipe.

Balloon Vine. Ornamental climbing plant, remarkable for an inflated membraneous capsule from which it derives its name.

Brachycome. (Swan River Daisy.) Produce an abundance of daisy-like flowers, about 1 foot high. Fine for edgings, beds or rustic baskets.

BALSAMS. (Lady Slippers.)

Beautiful half-hardy annuals, from 1½ to 2 feet in height. Sow the seed early in frames and transplant to a well enriched border.

Improved Camelia-flowered. Finest mixed. Flowers very large and extra double

Improved Camelia-flowered White Perfection. Pure white, with large, very finely formed double flowers. The plant with its stems thickly crowded with snow-white blossoms, produces a magnificent effect.

Dwarf Spotted, Finest Mixed.

Double, Very Fine. Mixed.

CENTAUREA

Bachelor's Button or Centaurea Cyanis. A showy, hardy annual succeeding well in any soil, and bearing a profusion of flowers in shades of pink, blue and purple.

Centaurea Margaret. Large, fragrant flowers; produced on long stiff stems. They are fine for cutting and decoration.

Centaurea, New Giant Imperial. The best yet introduced. Grows 4 fect high, of enormous dimensions, covered with large, very fragrant flowers of an infinite variety of color.

CARNATION

Margaret Mixed. These carnations have created a universal sensation, not only on account of their beautiful colors, but, unlike all others, they bloom in about four months from sowing the seed. Bloom until checked by frost.

Choice Double Mixed. Producing many double flowers of all shades and colors.

CANDYTUFT

Showy, hardy annuals, very useful for edgings and masses, excellent for cutting; continuous bloom from July to October.

Finest Mixed. 1 foot.

CANTERBURY BELLS

Very ornamental, growing about 2 feet high, producing beautiful, large, bell-shaped flowers, which make a glorious display when planted in large beds.

Canterbury Bells. Single, blue and white mixed.

Canterbury Bells. Double mixed.

COLEUS

Gorgeous colored plants, with variegated foliage.

Coleus, Fine Varieties. Mixed.

Cineraria. Beautiful free flowering plants for greenhouse and window garden. Finest mixed varieties.

Clarkia. Single Mixed. Pretty hardy annual, about 18 inches high, blooming from June to September.

CALLIOPSIS OR COREOPSIS

CALLIOPSIS OR COREOPSIS

One of the most showy of all annuals, the colors being so striking as seldom to be passed without a remark.

Coreopsis. Drummond's. Yellow flowers, crimson center.

Coreopsis. Golden Wave. Very bushy and compact. A mass of bright, golden color from July to October. Flowers 2 inches across, with small dark centers.

Coreopsis. Mixed Varieties. Yellow and brown and velvety brown.

Coreopsis Lanceolata. The perpetual Golden Coreopsis. Very free blooming and lasting in its golden glory throughout the summer and fall. Unequaled for cutting.

CHRYSANTHEMUMS

Handsome hardy annuals producing quantities of large flowers of striking colors, making a brilliant display.

Single or "Painted Daisy" Varieties Mixed.

Single or Double Yellow. Flowers very double, globe-shaped, extremely double.

Single or Double Fringed. Mixed. Flowers very double, with exquisitely fringed petals, in great diversity of colors, from white and yellow to blood-red purple.

COSMOS

A very effective autumn flowering plant, with beautiful foliage, growing from 6 to 8 ft. high, literally covered with very large, single daisy-like flowers, in shades of rose, purple and white. For cutting, this is one of the finest flowers grown. Sow in April in pots or in the hot bed, and transplant one foot apart.

Cosmos. The Bride. Pure White. The White Cosmos is the most fragrant.

Cosmos, Mammoth. New Fancy Varieties. In this splendid mixture are monster pink and white flowers, beautiful crimson shade, delicate white and mauve, daintily tinted and clouded with pink and mauve. Some large, white blossoms have broad plaited petals and pinked edges.

Early Cosmos. Mixed. Extra early, blooming in July.

CYPRESS VINE

Most beautiful and popular tender climber, with very delicate, fern-like foliage and numerous flowers.

Cypress Vine. Scarlet. Very Brilliant.

Cypress Vine. White.

PRICES OF ALL SEEDS ARE LISTED ALPHABETICALLY IN THE FRONT OF CATALOGUE.

COCKSCOMB

COCKSCOMB

Japan Crimson. Huge combs, much cut and beruffled.

Glasgow Prize. Dark leaves and crimson combs; 1 foot.

Dwarf Yellow.

Dwarf Fiery Scarlet. A miniature plant, with enormous combs of intense fiery red.

Dwarf White.

Dwarf Crimson.

Mixed. Extra large combs.

SHASTA DAISY

This is one of the creations of Mr. Luther Burbank. It is perfectly hardy, grows anywhere and blooms more abundantly each season. The flowers are very large, a foot or more in circumference, growing on long stems, with two rows of broad, pure white petals and a yellow center.

DOUBLE DAISY. (Bellis Perennis.)

Charming plants for edging and dwarf beds, blooming the first year from seed. Thrive well in shady places.

Daisy, Snowball. Large flowered, pure white, and extremely double, with very long stems, making them valuable for cutting.

Daisy, "Longfellow." Flowers of unusual size, a dark rose color.

Daisy, Double. Mixed.

PRICES OF ALL SEEDS LISTED IN ALPHABETICAL ORDER IN FRONT OF CATALOGUE.

DATURA. (Trumpet Flower.)

Showy plants, producing very large, sweet scented, trumpet-shaped flowers. Roots should be removed to cellar in autumn.

Datura. Wright's. White, bordered with lilac.

Datura, Golden Queen. Beautiful, double, yellow flowers, fragrant. If seed is sown indoors in March, plants will bloom in July. From that time on they will be covered with their large and showy flowers.

DELPHINIUM. (Perennial Larkspur.)

Flowers remarkable for their great beauty, diversity of shades, and striking apperance. Desirable for mixed borders. If sown early will bloom first year from seed.

Delphinium Formosum. Our flowers were two inches in diameter by actual measurement, brilliant azure blue in color. Spikes 8 to 10 inches in length.

Delphinium Elatum. (Bee Larkspur.) Blue. 2 foot.

Delphinium Hybridum. Fine mixed, splendid.

DAHLIA

Sow the seeds early in pots or under glass, and transplant to strong, deep, rich soil, and plants will bloom the first season.

Dahlia. Single Varieties. Splendid mixture. Handsome bedding plants, and extensively used for cutting.

Dahlia Single. Perfection or Giant. A splendid strain. The seed being gathered from the broadest petaled flowers only, reproduces them in variety of the most splendid colors, among which are many striped sorts.

Dahlia. Double Mixed. Seeds saved from fine named sorts.

Dahlia, Juarezi. (Cactus Dahlia.) Splendid varieties, mixed.

Dahlia, Double Gloria. Perfectly new race in a great diversity of forms. One plant produces its flowers as a double Scabiosa, another as a double Gaillardia, a third as a peony-flowered Aster, the next as a perennial Pyrethrum, another as a double Zinnia, and still another as a rosy red Giant Daisy. Their colors are as rich and varied as in all other classes.

EUPHORBIA

Euphorbia Heterophylla. "Mexican Fire Plant." Large, bushy plants growing about 3 feet high. Sow early in pots or hotbed, and transplant to open ground in May.

Euphorbia Variegata. "Snow on the Mountains." Leaves edged with pure white.

ESCHSCHOLTZIA. (California Poppy.)

A very snowy plant, about 1 foot high, blooming from June until September. Produces a brilliant effect at a distance when grown in a mass. Hardy.

Eschscholtzia. Finest Mixed.

Eschscholtzia. Double Mandarian. Large double flowers.

FEVERFEW. (Matricaria.)

A beautiful half hardy perennial, well adapted for beds.

Feverfew, Double Dwarf. Flowers large, creamy-colored and very double.

FOXGLOVE

Large Flowering. Spotted and mixed. Very ornamental amongst shrubbery, producing tall spikes of showy flowers of purple, rose, white and yellow.

FUCHSIA

Elegant flowering plants, of easy culture in pots for parlor decoration or in the garden. In the garden they require a slightly shaded situation. Soil should be rich.

Fuchsia. Finest varieties. Mixed.

GAILLARDIA

One of the most showy and brilliant of garden flowers, fine for bedding and cutting, producing large flowers of rich shades throughout the summer.

Gaillardia, Single Grandiflora. Splendid, mixed.

FORGET-ME-NOT. (Myosotis.)

A very pretty, little, hardy perennial, about 6 inches high. Will thrive best in a cool, moist situation, and is well adapted for bedding or rockwork.

Forget-Me-Not. Blue. The standard variety.

GERANIUM

Giant Flowering Hybrids. A strain of seed saved from fine new improved Hybrids. The colors are all shades of scarlet, crimson, rose, pink, salmon, cream, veined pink, blush, pure snowy white.

Geranium. Zonale Varieties. Saved from some of the finest collections; many choice and entirely new varieties may be expected.

GERANIUM ZONALE

GIANT IMPERIAL JAPANESE MORNING GLORIES

GOURDS

Hen's Egg. For nest eggs.

Hercules' Club.

Sugar Trough. For holding liquids.

Double Bottle.

Dipper.

Useful, Fancy and Ornamental.

Towel Gourd, or Luffa.

Godetia. Very attractive, hardy annuals.

Globe Amaranth. Tender annuals about 2 ft. high.

Helichrysum. Ornamental in the garden and desirable for winter bouquets.

Hollyhocks. Seeds should be sown in June or July to have flowering plants the next summer; or, if sown in the house early in the spring they will bloom the first year.

Heliotrope. Well-known, deliciously fragrant plants, excellent for bedding purposes or pot culture.

Ipomea. Very beautiful and popular climbers.

Ice Plant. A singular looking, tender annual, with thick fleshy leaves that have the appearance of being covered with crystals of ice.

LINUM. (Flowering Flax.)

Linum Grandiflorum Coccineum. One of the handsomest annuals ever introduced.

Larkspur. Very beautiful; hardy annuals, producing dense spikes of flowers, which are very decorative.

Marvel of Peru. (**Mirabilis.**) The old and well-known **Four o'Clock.** Fine plants, flowers various colors, making a fine summer hedge, set 1 foot apart.

Marigold. (**Targetes.**) Extremely showy, 1 to 2 feet high, well adapted to garden culture, blooming profusely through the season.

Mignonette. A general favorite on account of its delightful fragrance. Blooms throughout the season. Sow from middle of April to middle of June.

MORNING GLORY. (Convolvulus.)

Climbing plants; unequaled for rapidity of growth and profusion of bloom, annuals attaining a height of 30 to 50 ft.

Giant Imperial Japanese Morning Glories. The flowers of these morning glories are double the size of the ordinary morning glory.

Lobelia. Strikingly pretty, profuse blossoming plants.

Love-in-a-Mist. (**Nigella.**) A curious plant about 1 foot high, with finely cut leaves and single flowers.

Lupins. Mixed. Showy hardy plants from 2 to 3 feet high, producing spikes of attractive flowers.

The prices of all seeds will be found arranged alphabetically in the front of the catalogue. It is well known that **Leonard's Seeds,** both Vegetable and Flower, are standard goods. We have the largest Market Garden trade of any of the Seed Houses. The market gardener is the most critical of all seed buyers and the Seed House that commands the trade of this class of buyers is in the best possible position to suit the requirements of all others.

NASTURTIUM

NASTURTIUM—OAK PARK COLLECTION

TALL OR CLIMBING NASTURTIUMS

Dark Crimson. Rich and velvety.

Edward Otto. Flowers brownish lilac with a yellow spur.

Heinemanni. Silky bronze chocolate.

Hemisphaericum. Very showy, lemon yellow, with crimson blotches.

King Theodore. Velvety dark brown.

Nankeen. Yellow.

Leonard's Special Mixture of Tall Nasturtiums.

LEONARD'S OAK PARK BEDDING

The illustration is a photograph of a spray of flowers grown from this exquisite blend of bedding nasturtiums. It is well adapted for ribbon beds or borders, and is strikingly effective in masses.

DWARF OR TOM THUMB VARIETIES

King of Tom Thumbs. Crimson.

King Theodore. Deep chocolate crimson, dark foliage.

Lady Bird. Ground color is a rich golden yellow, each petal barred with ruby crimson.

Beauty. Golden orange, flamed scarlet.

Bronze Color. Of a burnished coppery bronze.

Chameleon. The flowers of various colors produced on the same plant.

Cloth of Gold. Golden yellow foliage, flowers scarlet.

Crystal Palace Gem. Sulphur yellow, spotted maroon.

Golden King. Grand flowers three inches across; deep golden yellow, maroon blotches.

Empress of India. Brilliant crimson, dark foliage.

Princess Victoria Louise. Cream white, spotted with deep scarlet.

LOBB'S CLIMBING NASTURTIUMS

(Tropeolum Lobbianum)

They are as easily grown as the common Tall Nasturtium, which they far surpass.

Brilliant. Deep scarlet.

Crystal Palace. Very bright, orange, salmon, flowers.

Spitfire. Bright, fiery scarlet.

Choice Mixed.

NICOTIANA

A handsome genus of garden plants of the tobacco family, which are noted for the freedom and fragrance of their bloom. Half hardy annuals, 3 ft. high. Flowers white, salver shaped, having long, tubular corollas, and are of exquisite fragrance. Deserves a place in every garden.

Affinis.

Sanderac.

PANSIES

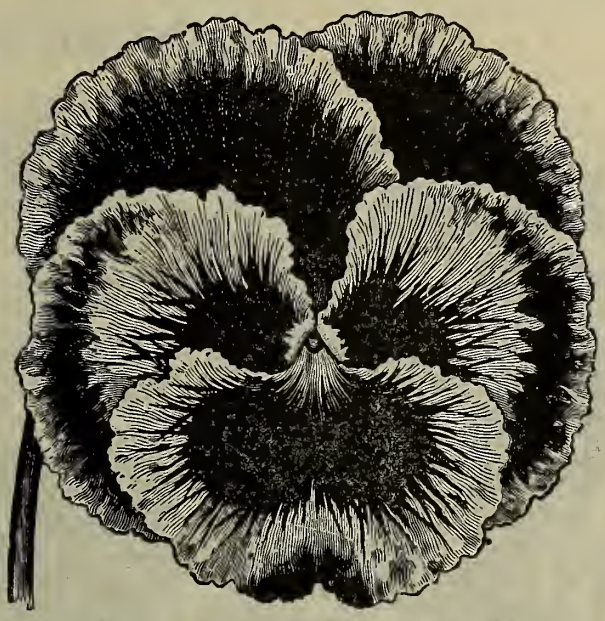
Leonard's Special Strain of Giant Five-Spotted Pansy. Enormous size Pansies of rich, velvety texture.

Giant Red. Bright coppery shades.

Giant Mohogany. A velvety, reddish brown.

Giant Uncle Tom. Finest black, deep jet; very velvety and large.

Giant Lord Beaconsfield. Flowers deep purple violet, shading to white at the upper petals.



LEONARD'S GIANT FIVE-SPOTTED PANSY

PANSY—Masterpiece

Masterpiece. This strain comes nearer to the Double Pansies than anything ever introduced under that name.

Aurora. Flowers large. Color pure white without blotches.

Mad. Perrett. Edge of petal is frilled. The colors are of dark wine, pink and red, beautifully veined and all with a white margin.

Cassier. This is a very fine mixture of pansies marked with three or five blotches on rich backgrounds.

Peacock. Very striking. Form and substance perfect. Upper petals beautiful ultramarine blue, resembling in shade the peacock feather. Lateral and lower petals are of a deep claret, margined white.

Bugnot's Large Stained Parisian. Mixed Colors. This splendid new class produces flowers of immense size and of the most varied and attractive markings and colors.

Giant Fancy Striped. An infinite variety of beautiful colors, curiously striped and flamed. Our stock is very select. The plants are vigorous and compact in growth. Immense flowers of fine form and texture, rich and velvety.

Trimardeau Giant. The blossoms are simply enormous, perfect in form and run through all the varieties of colors, from the lightest shade to the darkest purple. Marked with three large blotches.

Giant Odier. Handsome blossoms; being very large and perfect in form with dark, deep velvety blotches, margined with an endless variety of colors; extra large and fine.

Giant Emperor William. Large, handsome flowers, borne in great profusion well above foliage. Brilliant ultramarine blue, with a purple violet eye.

Fine Mixed. A very good strain in a great variety of colors.

GIANT FANCY STRIPED PANSY

ANNUAL PINKS

DOUBLE ANNUAL PINKS

These flowers are without a superior among annual garden plants. Bloom continually all summer long, and are most beautiful and lasting cut flowers. Of easy culture and bloom the first year from seed. Very fragrant.

Double Chinese Pinks. Flowers large and double. This beautiful variety does well anywhere.

Double Heddewegii. Large flowers, beautiful rich colors, finely marked.

Double Diadem Pink. Of dwarf, compact habit, of various tints of rose, maroon and purple.

Double Japan Pinks. This is a strain superior to any we have previously had.

Double Imperial Pink. Mixed.

Eastern Queen. Beautifully marbled; the broad bands of rich mauve upon the paler surface of the petals are very striking and pretty.

Crimson Belle. Rich, vivid crimson-like color; flowers of extraordinary size and substance, evenly and finely laciniated.

Snow Queen Pink. This is an extra fine selection of the large flowering double White Japan Pink, the very best strain we have ever seen.

PASSIFLORA. (Passion Flowers.)

Passiflora Coerulea. The most beautiful and remarkable variety grown, producing rich, green foliage and sky blue flowers, followed in the autumn by a profusion of golden fruit.

Perilla. (Nankinensis Atropurpurea Laciniata.) Ornamental foliage plants similar to Coleus. Fine for bedding with silver-leaved plants. Foliage metallic bronze; same culture as for Coleus. Half hardy annual.

PORTULACA

Sow early, in warm, light soil, and thin plants to 4 inches.

Portulaca Single. Mixed.

Portulaca, Large flowered.

PRIMULA

Beautiful low-growing spring-flowering plants, for borders or pot culture.

Primula Sinensis. (Chinese Primrose.) Splendid mixed.

Primula Vulgaris. (English Primrose.) The old favorite yellow Primrose.

POPPIES

Showy, large, brilliant colored flowers, growing freely in any garden soil. Produce a fine effect in clumps or beds.

Finest Mixed. All colors and varieties.

Snow Drift. A grand variety. The large pure white flowers are perfectly round and double.

Shirley. The absence of black gives them their wonderful light, bright tissue-paper-like appearance. The colors range from purest white, through pinks of all shades, to glowing scarlet, but a scarlet without black.

The Mikado. Of pure white and brilliant crimson scarlet. Large double flowers of quaint, artistic beauty, with petals deeply cut and fringed.

Fairy Blush. The immense globular flowers are perfectly double, and measure from ten to thirteen inches in circumference. The petals are elegantly fringed and pure white, except at the tips, where they are distinctively colored with rosy cream.

Poppy Carnation Flowered. Very fine, double fringed flowers, all colors.

PETUNIA

LARGE FLOWERING DOUBLE PETUNIA

For outdoor decoration or house culture, few plants are equal to this class. They commence to bloom early, and continue to flower through the summer. Give them a rich soil and a sunny place.

Double Mixed, Large Flowering. Flowers twice the size of the ordinary strain, and the most beautiful colors. Produce a larger per cent of double than most strains.

Single Large Flowering. Mixed, all colors.

Large Flowering, Fringed.

Petunia, Fine Mixed.

Petunia, Giants of California. Remarkably fine. Flowers very large, in every conceivable shade of crimson, white, violet, lavender, etc.

Petunia, Howard's New Star. Dark crimson maroon with rich velvety texture and clearly defined five-rayed star of blush white.

PHLOX

In its great variety of rich colors, probably the most brilliant of all annuals. Fine for bedding, making a dazzling show throughout the entire season.

Phlox Drummondii. Mixed colors.

NEW STAR PHLOX. (Cuspidata)

The flowers with their long pointed petals and broad white margins, having a beautiful, star-like appearance. Many and wonderfully brilliant colors.

HARDY PHLOX. (Phlox Decussata)

These rank among the finest herbaceous plants for beds and borders. Magnificent, large, waxy flowers of lovely shades of color. Strong bushes, two or three feet high.

LARGE FLOWERING VARIETIES

Magnificent class. Flowers as large as those of the perennial phloxes.

White.

Deep Purple.

Bright Scarlet.

Yellow.

Large Flowering Mixed.

DWARF VARIETIES

Fireball. Very brilliant.

Snowball. Fine white.

Heynholdi. Mixed. Fine for pot culture.

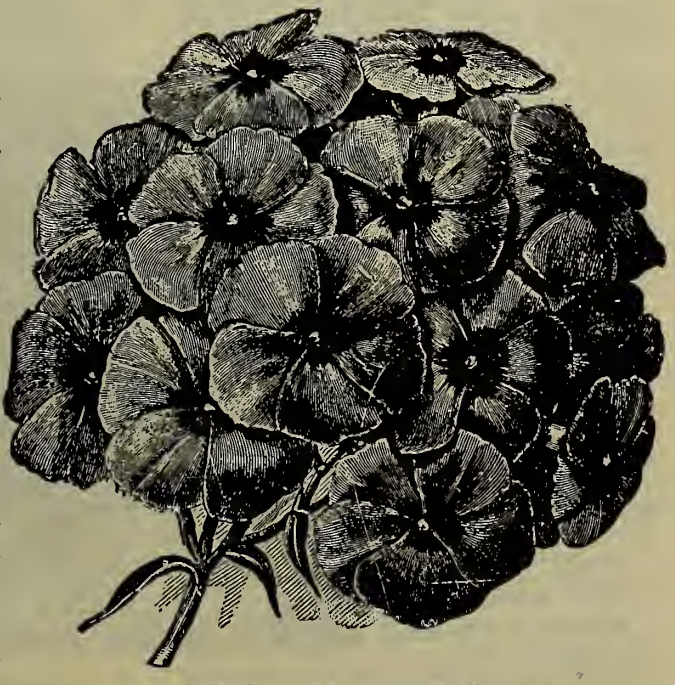
Fimbriata. Petals toothed, beautifully fringed and margined with white. Mixed.

RODANTHE

A beautiful and charming everlasting flower. The flowers when gathered as soon as opened, are very desirable for winter bouquets, retaining their brilliancy for months.

Rodanthe Maculata. Single mixed.

Summer Cypress or Kochia Scoparia. Burning Bush. The plants are always of globe-like form, branching freely, the stems being covered with delicate light green foliage. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers, the bushy plants resembling balls of fire. Very showy when planted singly to show the round ball-like form.



LARGE FLOWERING PHLOX

CASTOR OIL PLANT

Ricinus. (Castor Oil Plant.) A highly ornamental, half-hardy annual, growing from 4 to 6 feet high, presenting quite a tropical appearance, select warm dry soil and plant 6 feet apart.

Ricinus Zanzibariensis. (Zanzibar Castor Bean.) Very showy, with gigantic leaves which range from brilliant coppery bronze to light and dark green; the ribs also are of bright colors making a beautiful contrast with the leaves.

Salpiglossis Grandiflora. Flowers 2 to 3 inches in diameter, vividly marked, spotted and striped on ground colors of deep blue, rose, violet, yellow, reddish bronze, purple etc. In rich coloring they vie with Orchids in mixed colors.

Sanvitalia. Beautiful dwarf-growing plants densely covered with perfectly double golden flowers.

Schizanthus. (Poor Man's Orchid.) Dwarf, large-flowering plants, grow about 12 inches in height, literally covered with large beautiful orchid-like flowers.

Smilax. No climbing plant surpasses this in beauty and grace of foliage. Extensively used for bouquet and floral decorations.

Stokesia Cyanea. (Cornflower Aster.) A rare and beautiful hardy perennial.

Sunflowers. Valuable as a screen to hide unsightly places, and as a background for lawns. Hardy annual.

Silene. (Catchfly.) Hardy plants flowering in great profusion throughout the summer.

Stocks. Half-hardy annuals, producing splendid spikes of very rich and beautiful flowers of delightful fragrance. For early flowering sow early in spring in pots or in hotbed, and transplant one foot apart. Bloom from June until November.

SALVIA

Very ornamental plants, 2 feet high, producing tall spikes of gay flowers. Sow early in hotbed, or in pots in the house, and transplant 2 feet apart. Half hardy.

Salvia Coccinea. Splendid scarlet.

Salvia Bonfire. Fine for bedding; grows about 2½ feet high, forming handsome globular bushes producing long spikes of brilliant, dazzling scarlet flowers.

Mixed. All colors.

Salvia Splendeno.

Salvia Drooping Spikes.

Salvia Clara Bedman.

SWEET WILLIAM

Well-known, beautiful, hardy perennials, about 1 foot high, making a most splendid appearance in May and June.

Sweet William, Single.

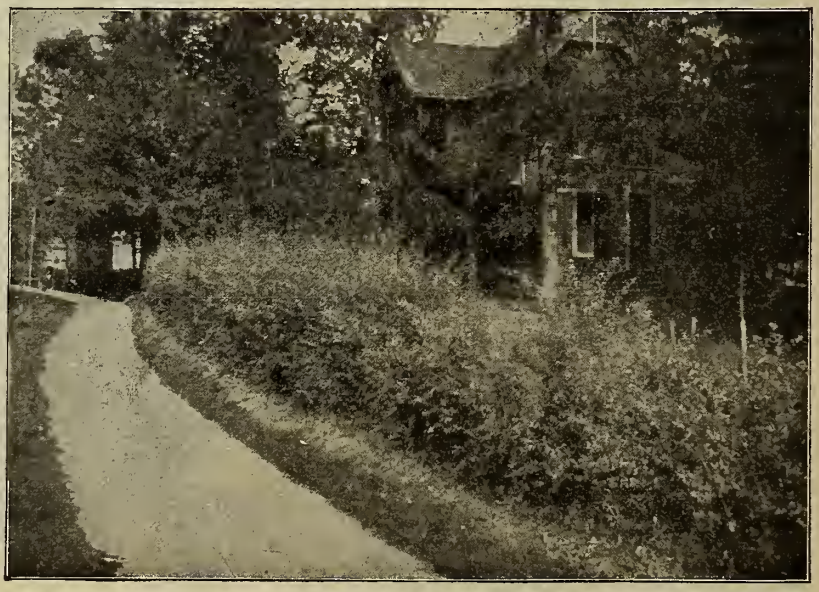
Sweet William, Double.

SUNFLOWER

Double Chrysanthemum Flowered. A tall plant, growing seven feet high and blooming profusely all summer. Flowers are double, large, round, golden yellow, and resemble chrysanthemums.

Globosus Fistulosus. Produces very large, exceedingly double flowers of bright yellow color. Plants about five feet high.

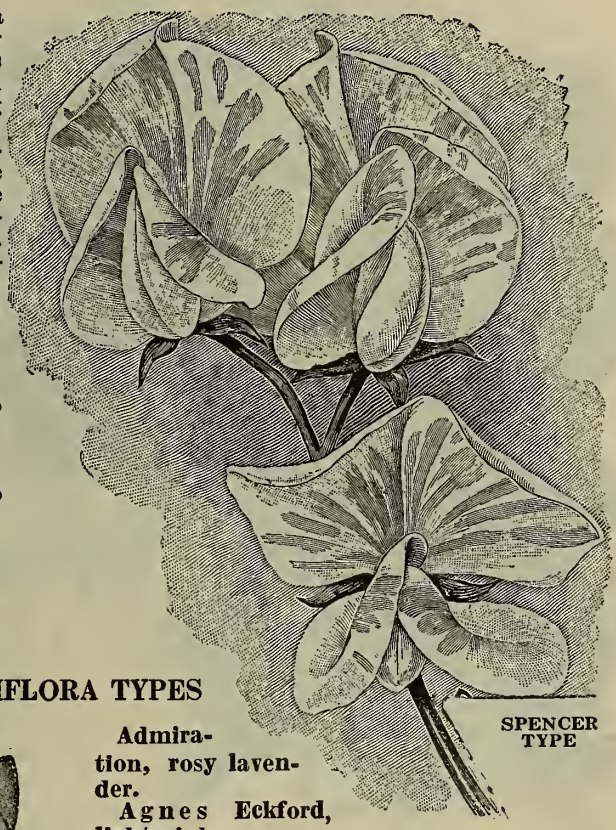
Large Russian. A strong growing, single variety, about six feet high. The stalks are sometimes used for fuel.



A BORDER OF SALVIA

SWEET PEAS

Through the skill of specialists the Sweet Pea has become a much larger and lovelier flower than before it became so popular. The plants are most robust, dwarf, branching, and bloom earlier and more freely, some varieties showing 3 to 4 blooms on a stem. Many new colors, deep, dark, brilliant, and delicately lovely, have appeared in the blossoms, often in indescribable combinations. There are flowers, too, of quite distinct shapes, some of which are a great improvement upon the Sweet Pea of the old type. Our present list contains all the best kinds introduced to date.



SPENCER TYPE

SPENCER VARIETIES

Asta Ohn, lavender tinted with mauve.
Florence Morse Spencer, delicate pink.
George Herbert, rosy magenta, shading to carmine.
Helen Lewis, orange, shading to buff.
John Ingman, rosy magenta.
Le Marquis Spencer, violet, shading to navy blue.
Mont Blanc, pure white.
Mrs. Rootzahn, apricot, shading to pink.
Othello Spencer, deep maroon.
Primrose Spencer, true primrose.
White Spencer, pure white.
White wonder.

UNWIN AND GRANDIFLORA TYPES

GRANDIFLORA TYPE

Admiration, rosy lavender.
Agnes Eckford, light pink.
America, blood red striped white.
Aurora, orange rose, striped white.
Blanche Ferry, pink and white.
Black Knight, dark maroon.
Captivation, rosy purple, large.
California Sunbeams, cream color, fine.
Coquette, primrose yellow, shaded lavender.
Countess of Cadogan, reddish mauve, wings blue.
Dorothy Tennant, rosy mauve.
Dorothy Eckford, one of the best whites.
Duke of Westminster, deep rose maroon.
Earliest of All, pink and white.
Earl Cromer, claret magenta.
Emily Eckford, reddish mauve.
Emily Henderson, pure white.
Evelyn Byatt, fine orange salmon.
Extra Early Blanche Ferry, pink and white.
Gorgeous, bright orange salmon.
Henry Eckford, of extraordinary orange color.
Janet Scott, fine pink.
Jeanie Gordon, bright rose, shaded cream.
Katherine Tracy, fine soft pink.
King Edward VII, bright scarlet, large flower.
Lady Mary Currie, orange pink, shaded lilac.
Lady Nina Balfour, delicate mauve.
Lottie Eckford, white, suffused lavender.
Lovely, soft shell pink.
Maid of Honor, white edged lavender.
Miss Willmot, richest orange pink.
Mrs. Alex. Wallace, delicate lavender.

SWEET PEAS—Continued

UNWIN AND GRANDIFLORA TYPES
—Continued

Mrs. Collier, primrose, delicate shades.
Mrs. Joseph Chamberlain, white, flaked rose.
Mrs. E. Kenyon, primrose.
Navy Blue, deep blue.
New Countess, delicate lavender.
Othello, dark maroon.
Prima Donna, pure pink.
Prince of Wales, bright rose, self color.
Queen Alexandra, bright scarlet red.
Royal Rose, rosy pink.
Sadie Burpee, large, pure white.
Senator, chocolate, striped white.
Shasta, pure white.
Stella Morse, rich primrose, flushed pink.
Sunbeams, delicate cream.
Sybil Eckford, creamy buff.
Triumph, standard rose, wings veined with scarlet.
Venus, salmon buff.

CHRISTMAS OR WINTER FLOWERING

Christmas White, pure white.
Christmas Pink, pink and white.
Earliest of All, pink and white.
Earliest White, pure white.

MIXED SWEET PEAS

Leonard's Choice Mixed. The best blending of the choicest named varieties. No better mixture can be had.

Eckford Mixed. A very choice mixture of the Grandiflora types.

Leonard's Florists Mixed. A blend of the sorts best suited for the cut flower trade.

Leonard's Named Sorts Mixed. Blended from the named sorts of the Unwin and Grandiflora types.

Spencer Varieties Mixed.
Christmas Flowering Mixed.
Choice Mixed.
Good Mixed.

BLATCHFORD'S PLANT GROWER FOR HOUSE PLANTS

A very finely ground and specially prepared grade of Blatchford's Plant Grower and Land Renovator is made for House Plants. It is practically odorless, very soluble and easily applied, viz., once a week a teaspoonful mixed to each quart of water when watering the plants. It puts new life and vigor into them and increases the bloom. It is excellent for Palms, Ferns, India Rubber Plants and House Plants. Every lover of beautiful House Plants should try a package.

A package is enough for 50 plants for six months.

1½ Pounds in Tin Package 25c; by Mail Postpaid 50c.

VERBENA

Mammoth Verbena. Obtained by selection of the largest and most striking flowers. Our strain is very fine. All colors mixed.

Mammoth White. Large, very fine.

Scarlet. Very brilliant.

Striped Varieties.

Blue Varieties.

Red Varieties.

Defiance. Very brilliant scarlet. Very fine bedding variety.

Fine Mixed. All colors.

VIOLET. (Viola Odorata.)

Well known early spring blooming, fragrant flowers.

Single Blue. Very sweet scented blue flowers.

WALLFLOWER

Well-known half hardy perennials, blooming early in the spring and much prized for the delicious fragrance of their flowers. Should be protected in winter.

Wallflower, Single, Mixed.

Wallflower, Double, Mixed.

MAMMOTH VERBENA

ZINNIA GRANDIFLORA

MIXED FLOWER SEEDS FOR WILD GARDENS

A splended mixture of beautiful, free-blooming, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds, will find the "Wild Garden" a delightful substitute, with its constant and every-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Thin out where plants are crowded and keep clear of weeds.

ZINNIA (Youth and Old Age.)

Splendid hardy annuals; succeeding well in any soil, and making a brilliant show. The same flowers will retain their beauty for weeks and a profusion will be produced until frost.

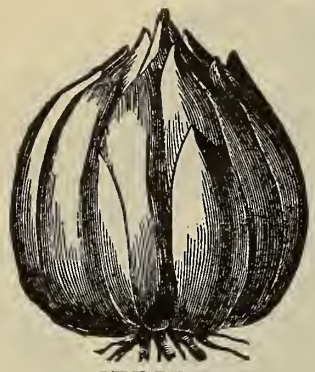
Zinnia. Elegans Grandiflora. Extremely double, globe-shaped flowers, 5 inches in diameter, of striking and brilliant colors.

Zinnia. Mixed.

Zinnia. Tall. Finest varieties double mixed.

Zinnia. Dwarf. Finest varieties mixed.

SUMMER FLOWERING BULBS



LILY BULB

HARDY LILIES

Lilium Auratum. The glorious gold banded Lily of Japan and one of the grandest plants in cultivation.

Lilium Longiflorum. The pure white flowers resemble the well known Bermuda Easter Lily and are very fragrant.

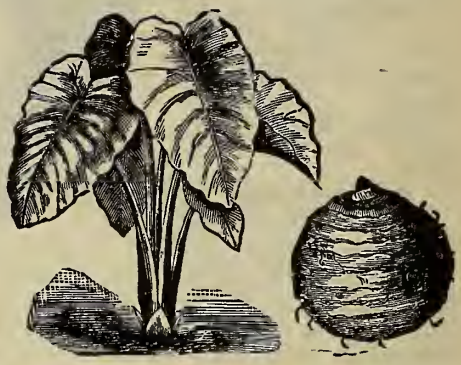
Lilium Speciosum Album. Pure white flowers, with a greenish band through the center of each petal.

Lilium Speciosum Rubrum. No words can overstate the brilliant beauty of these famous Japan Lilies.

Lilium Tigrinum, Flore Pleno. (Double Tiger Lily.) This magnificent lily is of stately habit, bearing clusters of very large double flowers on tall, strong stems; color, bright orange red, spotted with black.

Lilium Tigrinum, Splendens. (Improved Single Tiger Lily.) Has very large flowers of excellent form; color, orange salmon with dark spots.

Caladium Esculentum. Known as Elephant's Ears. One of the finest tropical plants which can be grown in the open air in the north. It can be made to produce three to ten leaves, three to four feet long and nearly as wide, on stalks four to six feet high.



CALADIUM ESCULENTUM

TUBEROSES

Tall, Double. Three to five feet high, strong and free blooming.

Pearl. Larger, better and more flowers produced by this sort than the old variety. Stems short; from two to three feet high.

Excelsior Pearl. An improvement on the ordinary pearl; produces very heavy spikes of large double flowers.

Dahlia. The dahlia has always been a favorite for autumn flowering.The flowers are so symmetrical and perfect, and the range of colors so large and varied that they will always be popular where display is wanted.

CANNA—
LARGE FLOWERING

Large Flowering Cannas. Best Standard Sorts.

GLADIOULUS

These desirable bulbs should be planted in every garden. Claimed by many to be "the flower of all flowers." They contain every shade of color from the most brilliant and gorgeous to the softest and most delicate. The immense spikes of bloom develop in the greatest perfection; if cut when the first four flowers open, and placed in water, they will last ten days.

Mixed, Large Flowering Bulbs. This mixture is composed of every color—white, pink, yellow, rose, scarlet, crimson, dark maroon, etc., beautifully marked and variegated.

Red Mixed. All shades.

White and Light Colors.

Pink Shades.

Yellow Mixed.

Madeira Vine. Tuberous rooted climber with glossy green leaves and delightfully fragrant, white blossoms. Sometimes called Mignonette Vine.

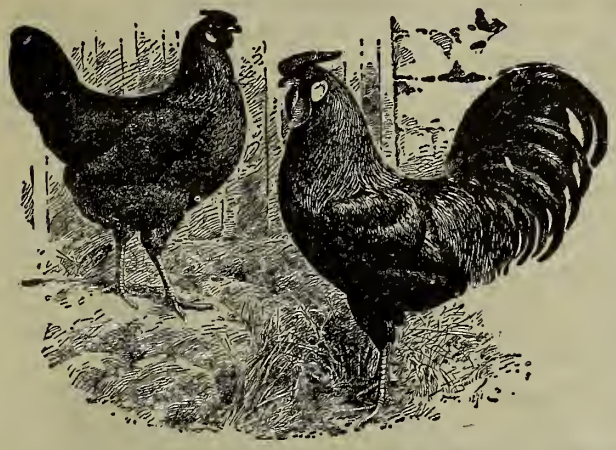
Cinnamon Vine. A very pretty vine to train around the window or on a trellis. In mid-summer the plant is covered with a brilliant, glossy foliage and an abundance of fragrant flowers. It is also an exceedingly quick grower.

CALLA LILIES

Richardia Ethiopica is the wll known Egyptian Lily, or Lily of the Nile, with large white flowers, broad foliage, and it will prosper under very adverse circumstances if given plenty of water.

POULTRY SUPPLIES

PEA SCREENINGS, WHOLE AND SPLIT PEAS, ETC.

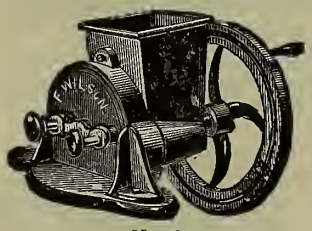


Chicken and Pigeon fanciers in the vicinity of Chicago are unanimous in their praise of Peas as a food for their fowls. They feed the Pea Screenings which contain both whole and split peas alone or by combining with regular mixed food. It can also be ground and fed as a mash with other grain and for this purpose is unsurpassed. Our large milling operations in Seed Peas place us in a position to furnish at all times, not only the best stock but also give the purchaser an opportunity of choosing from many different samples and grades.

Samples and prices on quantity submitted on application.

CRUSHED OYSTER SHELLS

Crushed oyster shells, to a large extent, will supply the necessary material for grinding their food and at the same time furnish lime for the egg shells. Chemical analysis and experiments, together with the reports from many practical poultry men, show conclusively that the ordinary grain and the green food supplied to laying hens do not contain enough lime for the formation of the egg shells. It will require several times as much lime as is ordinarily fed, if good strong egg shells are to be produced. Crushed oysters shells will supply this necessary lime if kept continually before the fowls, trusting to them to eat the amount needed rather than mixing the shells with food. The judgment of the fowls can be relied upon in this respect.

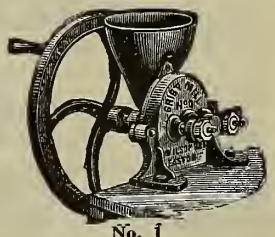


No. 0

WILSON'S MILLS

For poultry raisers the Wilson Mills are almost indispensable. They can be used for grinding oyster shells, bones, stones, old crockery, etc. **The grist Mill No. 0** for grinding into meal all sorts of corn, wheat and other grain. The **Bone Mill No. 1** for grinding oyster shells or any other hard substance.

Write for Other Information.



No. 1

PEARL SHELL GRIT

Pearl grit is a crushed shell obtained in connection with the manufacture of pearl buttons. It contains the same amount of lime, but less salt than Oyster Shell and acts as a grit in grinding the food of fowls, birds, pigeons, etc., making by far the most serviceable and economical grit upon the market. We can furnish this grit in any quantity desired. Many leading poultry men now use Pearl Grit exclusively.

MICA CRYSTAL GRIT

Examinations of 100 gizzards taken from chickens supposed to have died from Cholera, had no grit of any kind to digest their food, and in each case Diarrhoea existed 3 or 4 days before death and food had passed through gizzards just as eaten, proving that indigestion alone was responsible. Analysis, furthermore, proves that Mica Crystal Grit is the only rock known showing the combination of Mica, Quartz, Aluminum, Iron and Magnesium, essential to all poultry.

We carry in stock three sizes. Large for old poultry, geese, ducks and turkeys. Medium for pigeons, and small size for young chickens.

No. 28

THE "LIGHTNING" WHITEWASH SPRAYER AND FORCE PUMP No. 28

Will Fit Any Pail or Bucket

This is the only spray pump that will spray whitewash without clogging. It is constructed of heavy galvanized iron with brass top and bottom. It is made with large air chamber and has ball valves. Pressure being held in air chamber and hose, so that nozzle throws continuous spray, and is not affected by upward strokes. Pump is provided with 3-foot hose, 1-foot extension pipe with brass end nozzles. Is used for bucket spray and whitewashing.

The Prices of all Seeds and Tools will be found in Price List in front of Catalogue.

FERTILIZERS

It is unnecessary to tell our customers that Chicago is recognized as headquarters for commercial fertilizer. Here is to be had material for the manufacturing of fertilizer in large quantities and of highest grade. We have made special arrangements with the factory by which we are able to offer this article at the lowest wholesale price, and solicit correspondence from parties wishing large quantities. We can save you money if you buy by the sack, ton or carload. Fertilizer Prices vary. PURCHASER PAYS THE FREIGHT. Prices subject to market changes.

BLATCHFORD'S PLANT GROWER AND LAND RENOVATOR

This splendid Fertilizer is composed of pure nitrate of soda, sulphate of potash, peruvian guano, sulphate of ammonia, bone meal and gypsum. It is excellent for lawns, indoor plants, vegetable crops and for all purposes for which a fertilizer is needed.

Nitrate of Soda. Should be sown broadcast, and it is very important to sow it evenly. 2 or 3 pounds on a square rod will be beneficial. **25 lbs., $1.50; 50 lbs., $2.00; 100 lbs., $3.25; 200 lbs., $6.50; 500 lbs., $16.00.**

Pure Ground Bone, Steamed. Guaranteed analysis: Ammonia, 3 to 4 per cent; bone phosphate, 50 to 60 per cent; equal to phosphoric acid, 24 to 26 per cent. In this article we give you a finely ground steamed bone, pure and in the best possible condition. Users of bone alone can find no better article. It will analyze nearer the highest per cent given in our guarantee than it will the lowest. It gives great big results on fall crops. **10 lbs., 50c; 25 lbs., $1.00; bag of 100 lbs., $1.60; 200 lbs., $2.85.**

Pulverized Sheep Manure. The best fertilizer for either the lawn or the garden. Excellent for house plants and for out door shrubbery of all kinds. 5 lb. package, 35c; 100 lb. bag, $1.50.

Vegetable and Lawn. Guaranteed analysis: Ammonia, 4 to 5 per cent; available phosphoric acid, 7 to 9 per cent; total phosphoric acid, 8 to 11 per cent; actual potash, 7 to 9 per cent. This is positively the best article on the market for use as a complete manure for all purposes. It is the best lawn fertilizer ever prepared. Note the large amount of actual potash in this brand. **10 lb. pkg., 50c; 25 lbs., $1.00; bag of 100 lbs., $2.00.**

Farmers' Favorite Brand. Guaranteed analysis: Ammonia, 3½ to 4½ per cent; available phosphoric acid, 8 to 9 per cent; total phosphoric acid, 13 to 14 per cent; actual potash, 4 to 5 per cent. 200 pounds of this will go as far as 600 pounds of almost any other brand on the market. It is available for spring crops and also lasting in the soil. It is the best brand on the market for fruit trees, vines and small fruits. **10 lb. pkg., 50c; 25 lbs., $1.00; bag of 100 lbs., $1.90.**

Sure Winner Brand. Guaranteed analysis: Ammonia, 1½ to 2½ per cent; available phosphoric acid, 7 to 9 per cent; total phosphoric acid, 12 to 14 per cent; actual potash, 3 to 4 per cent. For land and crops requiring minerals (phosphoric acid and potash) and very little ammonia this brand fills the bill. **10 lb. pkg., 50c; 25 lbs., $1.00; bag of 100 lbs., $1.50.**

Chicago Brand. Guaranteed analysis: Ammonia, 2½ to 3 per cent; available phosphoric acid, 7 to 9 per cent; total phosphoric acid, 11 to 14 per cent; actual potash, 1 to 2 per cent. This brand gives you a combination of nitrogen and phosphoric acid, with very little potash, and where potash is not needed, gives very good results. **10 lb. pkg., 40c; 25 lbs., 75c; bag of 100 lbs., $1.25; 200 lbs., $2.50.**

Ground Raw Bone. Guaranteed analysis: Ammonia, 4 to 5 per cent; bone phosphate, 45 to 55 per cent; equal to phosphoric acid, 21 to 25 per cent. This is a pure ground raw bone—no rock is put in to cheapen it. These goods also will analyze nearer the highest limit of our guarantee. **10 lbs., 50c; 25 lbs., $1.00; bag of 100 lbs., $2.50; 200 lbs., $4.50.**

Florists' Plant Food. This article has been made at the suggestion of florists, who desire to obtain in an inexpensive, effective and odorless preparation, that would act quickly on plants and furnish food for flower and leaf. An application of this plant food will be observed in the vigorous growth of the flowers and a deep green foliage. **5 lbs., 50c; 10 lbs., $1.00; 25 lbs., $1.75; 50 lbs., $2.00; 100 lbs., $4.00.**

Blood and Bone. Manufactured of pure blood and bone. When this fertilizer is used in rows or in hills for such crops as celery, cabbage or early corn, from 100 to 200 pounds per acre will be enough. **200 lbs., $3.00.**

FERTILIZERS—Continued

GENERAL CROP BRAND
Guaranteed Analysis

	Per Cent
Ammonia	1
Avail. Phos. Acid	8
Insol. Phos. Acid {1.50% Animal | .50 Mineral}	2
Potash (K_2O)	6

The above brand is specially prepared for all crops where ammonia is not needed in large quantities. You will note it contains a large amount of available Phos. Acid and is very rich in Potash, consequently is a good all-around fertilizer. **100 lbs., $1.50; 200 lbs., $2.75.**

TWO AND TWENTY BONE
Guaranteed Analysis

	Per cent
Ammonia	2
Total Phos. Acid	18

This is also a soft steamed bone, running a little lower in both ammonia and phosphoric acid than our Pure Ground Bone, yet it is better than most brands of bone now on the market. **100 lbs., $1.50; 200 lbs., $2.75.**

PURE BONE AND POTASH
Guaranteed Analysis

	Per cent
Ammonia	2.60
Total Phos. Acid	20.15
Potash (K_2O)	6.00

The above brand is made of a Soft Steamed Bone with Potash in form of Sulphate added, and is especially adapted for fruit trees and small fruit.

For the past few years this brand has been used in the fruit belt of Michigan and has given the very best of satisfaction. **100 lbs., $2.00; 200 lbs., $3.75.**

PHOSPHATE AND POTASH BRAND
Guaranteed Analysis

	Per cent
Avail. Phos. Acid	10
Potash (K_2O)	2

100 lbs., $1.50; 200 lbs., $2.50.

TEN-FIVE BRAND
Guaranteed Analysis

	Per cent
Avail. Phos. Acid	10
Potash (K_2O)	5

The above brands are "specials" and give good results where Ammonia is not required. **100 lbs., $1.50; 200 lbs., $2.50;**

HIGH GRADE ACID PHOSPHATE
Guaranteed Analysis

Available Phos. Acid, 14 to 16 per cent. This brand was put on the marekt to supply the demand for a cheap Fertilizer, running high in Available Phosphoric Acid only.

We know from past experience, that crops need Nitrogen and Potash, as well as Phosphoric Acid and farmers who have been induced to use Fertilizer containing nothing but Phosphoric Acid, invariably find that high grade goods are more economical, because better results are obtained. **100 lbs., $1.50; 200 lbs., $2.25.**

BIG POTASH BRAND
Guaranteed Analysis

	Per cent
Ammonia	1.50
Avail. Phos. Acid	8.00
Insol. Phos. Acid {1.50% Animal | .50 Mineral}	2.00
Potash (K_2O)	10.00

This brand as you will note, runs high in Potash and Phosphoric Acid, also containing a liberal amount of Nitrogen, which makes it an excellent all-around fertilizer, especially adaptable for crops that are heavy feeders of Potash.

Results secured from the use of this brand make it very popular. **100 lbs., $1.75; 200 lbs., $3.25**

ALL PRICES SUBJECT TO MARKET CHANGES

INSECTICIDES

Slug Shot. This well known preparation has been in use for a quarter of a century or more and its popularity does not diminish. It is a standard insecticide everywhere. It can be used on all sorts of vegetation, in the flower garden, on fruit bushes, trees or anywhere where the insect pest appears.

Bug Death. This preparation we highly recommend. It is sure death to the potato bug and all other vegetable pests, and besides it acts as a fertilizer. We have many testimonials at hand from large vegetable growers, and we feel much confidence in offering it with our endorsement to any of our customers who want a quick-acting non-poisonous bug killer. It can be used on all vegetable and fruit crops with excellent results.

Tobacco Dust. If dusted on while the foliage is moist it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground it keeps off all earth insects, and also acts as an excellent fertilizer.

Tobacco Stems. For fumigating plants infested with greenfly. **Bale of about 100 lbs., bale of about 200 lbs., bale of about 400 lbs.**

PLANET JR. FARM AND GARDEN TOOLS

Planet Jr. No. 4 Combined Seed Drill, Single Wheel Hoe, Cultivator and Plow

The No. 4 Planet Jr. Combined Drill and Hoe is capable of a large variety of uses, as it will make the furrow, drop the seed, mark rows, roll down, and is extremely valuable as a land cultivator for all times of the year on any crop. Every reader should secure the Planet Jr. Illustrated Catalogue for 1913, showing the No. 4 and many other valuable hand and horse labor-saving farm implements. This book will be of much interest to every man or woman who tills the soil for pleasure or for profit. It may be had by sending a postal card.

Planet Jr. No. 25 Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

This new combined machine is intended for gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage and prefer not to buy separate machines.

As a drill it is almost identical with the Planet Jr. No. 4 Drill, and is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills.

As a Wheel Hoe it is identical with the Planet Jr. No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment, and the whole combination is one we can heartily recommend and guarantee satisfactorily.

The Planet Jr. Seed Drills are gaining in popularity. Market gardeners are beginning to realize that the extra cost of these Drills is more than made up for by the time gained by using them.

Planet Jr. No. 3 Hill and Drill Seeder

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever, or the flow of seed is stopped by pushing down the feed rod. No time is lost, no seed is wasted. It is quickly set to sow the different kinds of seeds in the exact thickness required.

The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over again in seed alone. We guarantee this drill to be accurate and give satisfaction in every respect.

Planet Jr. No. 6 Combined Seed Drill, Single Wheel Hoe, Cultivator and Plow

This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a Single Wheel Hoe or Weeder, a cultivator and a plow. The hopper holds two quarts of seed, which can be sown in continuous rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart.

The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe. It is useful almost every day of the season, at every stage of the garden work. With this one implement the small farmer can do practically all the work in his small crops.

No. 5 Planet Jr. Hill and Drill Seeder

16½ inch steel wheel. Sheet steel hopper holding 5 quarts. Weight, packed, 51 lbs.

Special size for market gardeners and farmers, for sugar beet and onion set growers, etc. It is the great hand-power planter for both hills and drills, where the amount of sowing to be done is large. It runs light, and plants equally well with a full hopper or with an ounce of seed, and up hill or down.

PLANET JR. FARM AND GARDEN TOOLS
—Continued.

PLANET JR. No. 18 SINGLE WHEEL HOE

Planet Jr. No. 17 Single Wheel Hoe, Cultivator and Plow

For easy gardening, and at the same time clean and perfect gardening, the kind that will make your garden the talk of the neighborhood and cause your face to glow with honest pride, nothing is quite the equal of this No. 17 Single Wheel Hoe. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

Other attachments can be added at any time.

Planet Jr. No. 13 Double Wheel Hoe

This tool is the No. 12, but with the hoes only—the most useful of the attachments.

The other attachments can be added at any time and will be found to fit.

Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow

Two acres a day can easily be worked with this implement and when it is done it will be a better job than three men could have done in the same time with hand hoes. The No. 12 runs either astride or between the rows; kills all the weeds and leaves the earth in fine shape. Then, too, it's so easy to work. Twelve-year-old girls work gardens with them with ease and success.

The No. 12 has a pair of 6-inch hoes, a pair of plows for opening or covering, and a set of 4 all steel cultivator teeth. The tools shown are what gardeners use most and others can be added as wanted.

Planet Jr. No. 8 Horse Hoe and Cultivator

Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer

Complete, Less Pulverizer

Less Wheel and Pulverizer

No. 17½ Single Wheel Hoe

Is the same as the No. 17, but has a leaf lifter in place of the plow.

No. 18 Single Wheel Hoe

Is the No. 17 with hoes only.

PLANET JR. No. 12 DOUBLE WHEEL HOE

The "Planet Jr." Goods are standard articles. In workmanship they stand at the top.

"Planet Jr." Complete Catalogue sent free to all who apply for it.

MISCELLANEOUS TOOLS & REQUISITES

EXCELSIOR WEEDER

HAZELTINE WEEDER

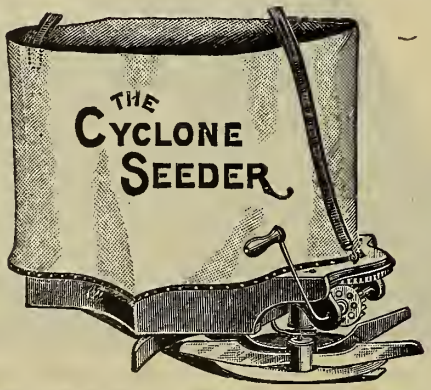
Very useful tools for the Farmer, Gardener or Amateur Planter.

THE CHICAGO

The Chicago. This is the best of the fiddle-bow seeders. Thousands of them are in use, and they give the very best of satisfaction.

LANG'S WEEDER

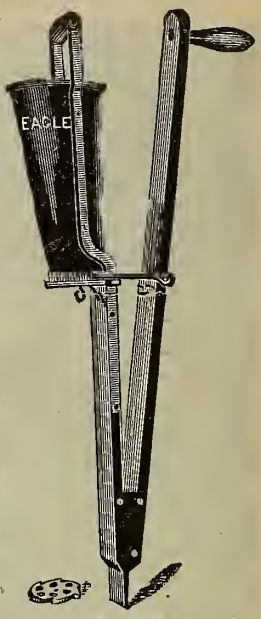
The best hand weeder for all finger weeding purposes.



The Cyclone. A seeder which is becoming very popular. It differs from the above mentioned kinds in construction, but does about the same work. It is a cheaper machine and a good one.

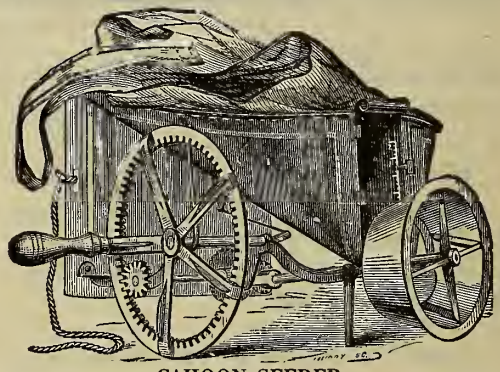
No. 30

The most useful of the compressed air Sprayers, and the most economical.



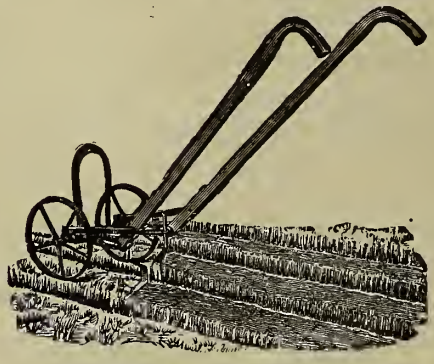
EAGLE

Hand Corn Planters —The Eagle. This is a rotary planter having three different sized plates, which can be put in or taken out as needed, in the easiest manner. It is the most popular planter of all.



CAHOON SEEDER

The Cahoon. This well known broadcast seed sower is considered among the best. It is easily worked and sows timothy, clover, flax, wheat, oats, rye, barley, all kinds of grass, and may be used by the gardener for spinach seed or any other kind which he may wish to sow broadcast.



McGEE CULTIVATOR

The best cultivator of all for straddling the row.

The Discs can be adjusted to any angle, throwing the soil to or from the plants.

PERFECTION GARDEN CULTIVATOR

Different From Others—Superior To All

The lightest garden tool on the market.

Easiest to adjust.

Strongest in workmanship.

Easiest to operate.

Is a complete machine within itself.

Needs no extra parts.

The only garden tool made that throws the soil to or from the plants without extra attachments.

The disc and knife working together leaves a perfect dust mulch.

This mulch retains the moisture, while it kills the weeds.

A new tool which in a simple form without attachments, does all the work that can be done by the complicated attachments and combinations needed by others.

By a simple changing of the bolts it automatically adjusts itself to suit the occasion. It can be worked in gravel soil, through sticks and coarse straw or stubble of any kind. In stony land it works as well as in the softest loam.

MARKET GARDENERS BUY IT ON SIGHT

The Chicago Market Gardeners are quite enthusiastic about the good points of this new tool. They are satisfied that it will do better work than any garden cultivator that has ever been sent out. We have had thirty years experience selling tools to these gardeners and have never shown a tool to them which has met with such ready sales. These gardeners know what they want, they plant all kinds of garden crops, they have tried all the hand cultivators that are known to the trade, and this one they concede comes nearest to their idea of perfection.

EXCELS AND SUPERCEDES ALL

The work that can be done with the Perfection Cultivator is so much in advance of what other tools can do, in completeness and efficiency, that naturally it will be preferred and will eventually take first place as a garden cultivator.

INVENTED BY A PRACTICAL TRUCK FARMER

The inventor of this tool is a practical onion grower and trucker. During his thirty years in truck farming and onion growing, he has tried out all of the garden cultivators that have been made and recommended during that time. He knows the good points as well as the defects of each. From this knowledge he has perfected, after repeated efforts, this new tool which, in a simple form, does all the work that can be done by the complicated attachments and combinations of the others.

THE ONLY DISC AND KNIFE WEEDER

The Perfection Garden Cultivator is the only machine that has the disc and knife principle scientifically applied. The knife and discs work together causing a deep stirring of the soil and a total destruction of the weeds. The thumb screw adjustment changes the angle of the discs by a simple turn, and a reversal of the discs throws the soil to or from the plants.

PERFECTION GARDEN CULTIVATOR

Is made in three sizes, viz:

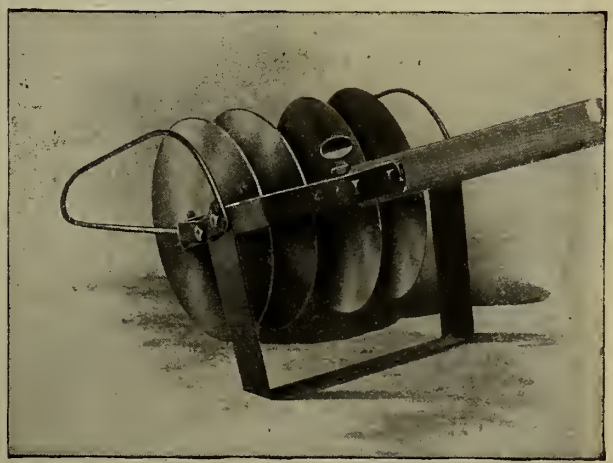
No. 1. With two discs, on which 6 inch or 7 inch knives may be used.

No. 2. With four discs, on which 7½ inch, 8¼ inch or 8¾ inch knives may be used.

No. 3. With four discs, on which 10 inch or 11 inch knives may be used.

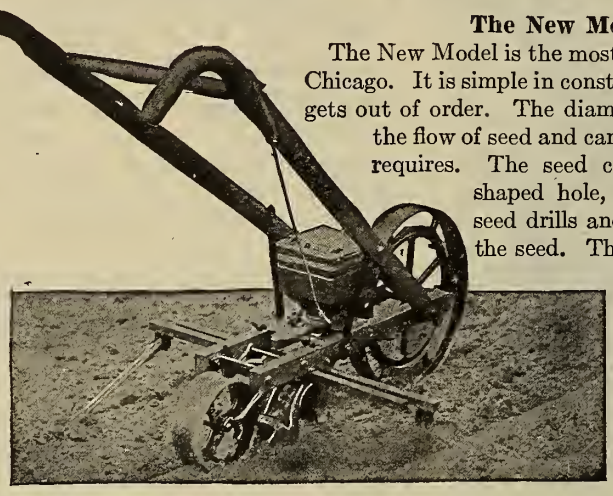
The No. 1 will work rows 9 to 11 inches wide, No 2 will work rows 11 to 14 inches wide, No. 3 will work rows 13 to 16 inches wide.

Mention what size knives you wish when ordering. The price is the same for any of the sizes.



The stiff wire leaf guards keeps the tops of the plants away from the discs.

SEED DRILLS



Repair Parts for the New Model

The New Model Seed Drill

The New Model is the most used and best liked seed drill around Chicago. It is simple in construction—easy to operate—and seldom gets out of order. The diamond shaped adjustable hole regulates the flow of seed and can be made larger or smaller as occasion requires. The seed cut-off claps up under the diamond shaped hole, it does not slide under as in some seed drills and for this reason does not clog or cut the seed. The New Model readily plants all kinds of seed including parsnip and salsify which are about the hardest seed to sow evenly. We know that this popular drill will give entire satisfaction and believe that we can recommend no better machine. They are packed in a crate ready to ship.

We carry at all times a full stock of repairs for the New Model Drills. Sometimes a very small piece will fix an old machine up as good as new. We list here the parts most called for:

A 6 Agitator arm with rock shaft.
A 7 Agitator finger.
A 9 Marker drag holder.
A 9 Marker drag holder with stick.
A 10 Marker drags.

Planet Jr No. 3 Drill

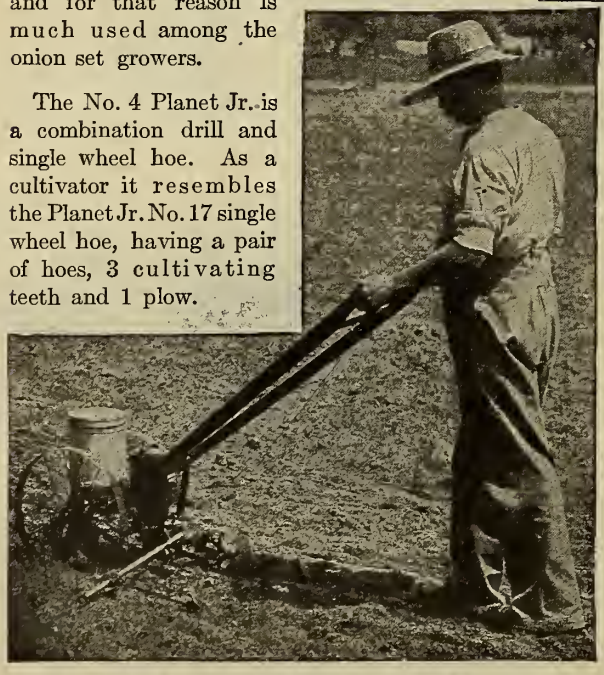
The No. 3 Planet Jr. is the drill best suited to gardeners' use, although the No. 5 is identical with the No. 3 except that it is much larger and for that reason is much used among the onion set growers.

The No. 4 Planet Jr. is a combination drill and single wheel hoe. As a cultivator it resembles the Planet Jr. No. 17 single wheel hoe, having a pair of hoes, 3 cultivating teeth and 1 plow.

A No. 3 PLANET JR. AT WORK

Iron Age No. 22 Seed Drill with Fertilizer Attachment

Applies the fertilizer in connection with the seed, just where it will do the most good. The fertilizer is sown by force feed—no stoppage from small lumps. Coverers draw the soil over the fertilizer soon as sown; two opening plows are provided—one or both can be used; the distributor tubes are brass wire, will not rust and are flexible to allow for narrow and wide adjustments of the plows. Sows seed in continuous rows or drops in hills. Can be used as a side dresser and is sold as such only when so ordered.



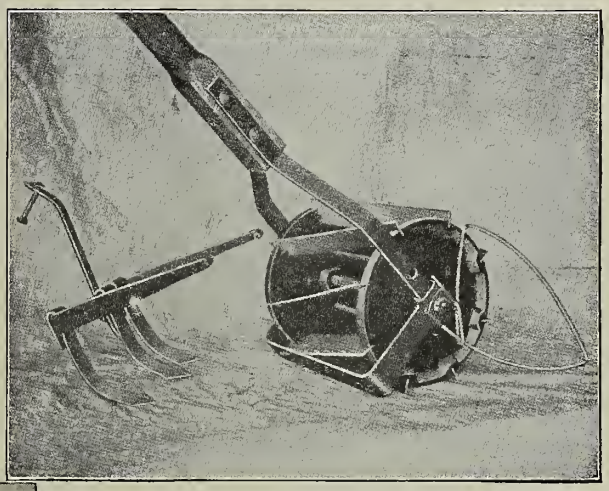
IRON AGE No. 22 SEED DRILL WITH FERTILIZER ATTACHMENT

Send for a Catalogue of the Planet Jr. goods. We mail it FREE to all who apply for it. It gives full description of all the Planet Jr. tools.

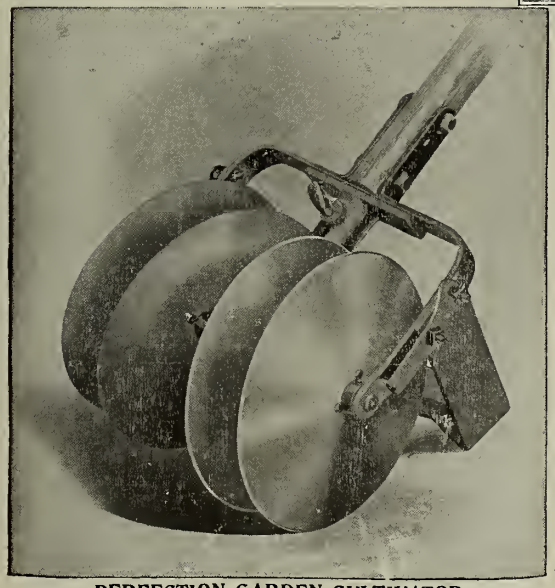
THE BARKER WEEDER AND MULCHER

It operates on the plan of a lawn mower. It is better than a hoe. It is ten times as fast. It is easy to operate. It forms a dust mulch. Buy a Barker Weeder and Mulcher and cut your garden the same as you buy a lawn mower to cut your lawn. Cut your weeds in your garden ONCE A WEEK. It cuts the weeds under the ground as well as the weeds out of the ground. It pulverizes the ground fine which holds the moisture to feed the plant.

The Barker is made in 3 sizes. Viz.: 6-inch cut, 8¼-inch cut, and 11-inch cut. Each machine is fitted up with leaf guards and tooth attachment. The 8½-inch cut is the standard size for onion sets and ordinary market garden crops. The 6-inch is for lettuce and crops that are planted in close rows. The 11-inch for crops that are planted from 14 to 18 inches apart in the rows.



THE BARKER WEEDER



PERFECTION GARDEN CULTIVATOR

PERFECTION GARDEN CULTIVATOR

Different from Others—
Superior to All

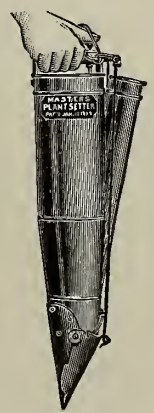
For thirty years a satisfactory hand cultivator has been sought for; improvements, combinations and auxiliaries have been added to the older makes without resulting in complete satisfaction. In this new weeder, the defects have been overcome and satisfactory work is the result. **It does away with combinations and attachments. It does all the work that any combination or attachment can do.**

See page 111 for complete description.

MASTERS RAPID PLANT SETTER

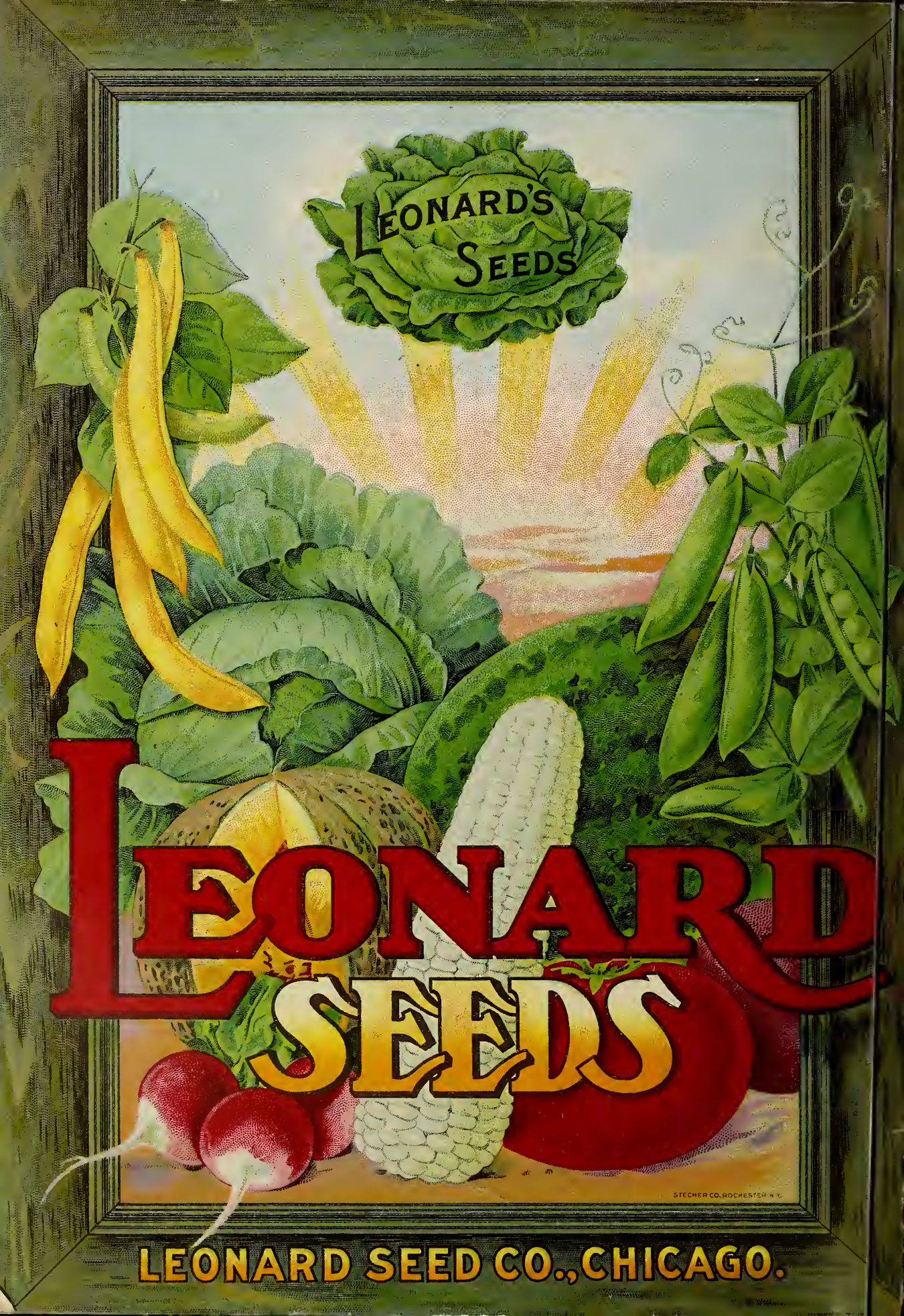
Is built to do actual plant setting. It is no plaything but is strong and durable, and with fair play will set out more than a million plants before it is worn out.

THE OPERATION of our Plant Setter is very simple. You mark off your land both ways, then haul out a few barrels of water (about two barrels to the acre is usually enough) place these barrels on the headlands and have a few thousand plants all ready pulled, and place a good box full on the headland at the water barrels.



THE MAN who is going to do the setting simply needs a common grape or peach basket with the handle cut off entirely, then pass a leather strap or stout cord through one side of the basket and fasten same around your waist; take the Planter in your right hand and have it nearly full of water and start down the row, putting in a plant at every mark clear across the field; fill up your basket with plants at the end of every row, also your Planter with water, and thus keep going back and forth across the field all day, and in ten hours any ordinary farm hand can set 10,000 to 12,000 plants and when a man gets well used to the Planter and has his land in the best condition possible he can set 15,000 plants per day without special effort.

Makes transplanting EASY, PLEASANT WORK and will produce a perfect stand of plants and a better quality crop. PRICE $4.00


LEONARD'S
SEEDS
LEONARD
SEEDS
STECHER CO., ROCHESTER N.Y.
LEONARD SEED CO., CHICAGO.